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A Stereo-Atlas of Ostracod Shells

edited by I. Boomer, D. J. Horne, A. R. Lord and D. J. Siveter

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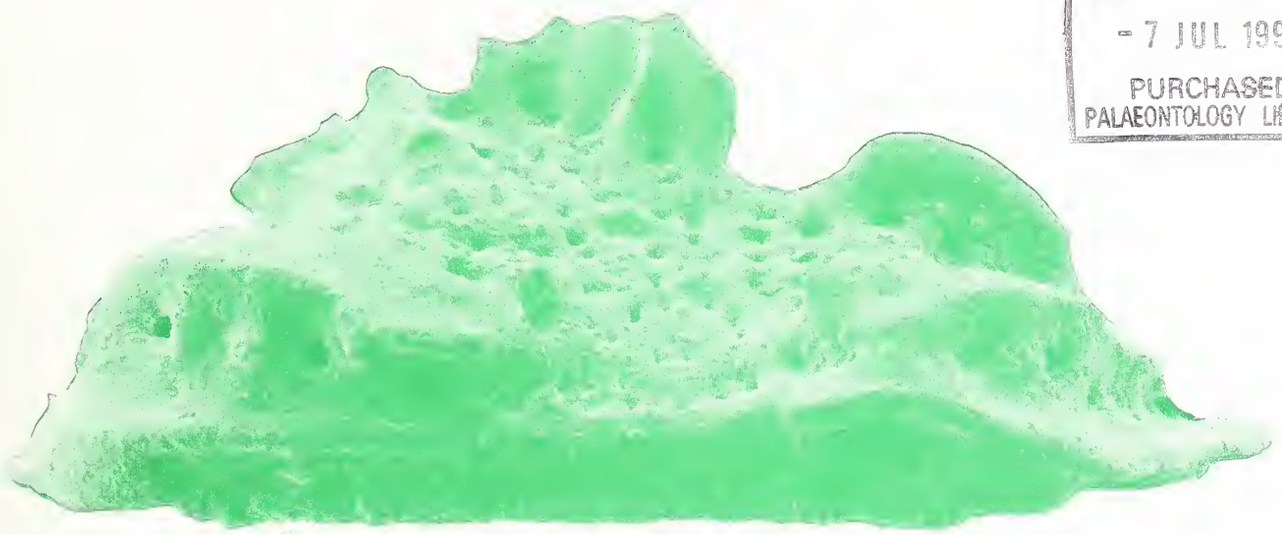

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Contributions illustrated by scanning electron micrographs of Ostracoda in stereo-pairs are invited. All contributions submitted for possible publication in *A Stereo-Atlas of Ostracod Shells* are peer-reviewed by an appropriate international specialist. "Instructions to Authors" and plate blanks for mounting micrographs may be obtained from Dr Ian Boomer at the address above.

Manuscripts should be submitted with a copy of the text on disc in **MS Word 6** for Windows (PC) or **Rich Text Format** (RTF).

The editors wish to thank Dr Eugene Kempf (University of Köln) for his assistance in preparing this issue.

The front cover shows a paratype (LV, NHM no. **OS 14855**, upper, dorsal view and lower, external lateral view) of *Eucytherura allisonensis* Boomer, 1996 from the Oligocene of ODP Site 865B, Central Pacific Ocean. This species was described in *A Stereo-Atlas of Ostracod Shells,* **22**, 112-115.

A Stereo-Atlas of Ostracod Shells

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Contents

1	On *Cytheropteron crassiscutum* Ayress sp. nov.; by M. Ayress.	1
2	On *Cythere hanaii* Tsukagoshi & Ikeya; by A. Tsukagoshi.	5
3	On *Eodomicina ema* Schallreuter sp. nov.; by R.E.L Schallreuter.	13
4	On *Severobolbina elliptica* (Steusloff); by R.E.L. Schallreuter.	17
5	On *Scrobisylthis reticulatus* (Sarv); by R.E.L. Schallreuter.	25
6	On *Kirkbyrhiza retifera* (Roth); by G. Becker, L.E. Petersen & R.F. Lundin.	33
7	Index for volume **24** (1998 for 1997).	41

595.337.14 (118.21 + 118.22) (265.7 : 163.165.37): 551.352

ON *CYTHEROPTERON CRASSISCUTUM* AYRESS sp. nov.

by Michael A. Ayress
(Department of Geology, The Australian National University, Canberra, Australia)

Cytheropteron crassiscutum sp. nov.

Holotype: The Department of Geology, Australian National University number **ANU 56378**; Adult left valve.

Type locality: Deep Sea Drilling Project Site 592, southern end of Lord Howe Rise, lat. 36° 28.4′ S, long. 165° 26.53′ E, 1088 m water depth. Core 31 core-catcher, Zone NN3, Early Miocene.

Derivation of name: Latin, *crassus* meaning thick, combined with *scutum* meaning shield. Referring to the thick shell of this species.

Figured specimens: The Department of Geology, Australian National University number **ANU 56378** (holotype, adult LV: Pl. **24**, 2, figs. 1, 2, 5; Pl. **24**, 4, figs. 1, 2). **ANU 56379** (juv. RV: Pl. **24**, 2, fig. 3; Pl. **24**, 4, figs. 3, 4); **ANU 56380** (juv. LV: Pl. **24**, 2, fig. 4), latter two specimens from core-catcher, core 6, DSDP Site 592 (Zone NN15, Early Pliocene).

Diagnosis: A very large, thick-shelled species of *Cytheropteron* with an arched dorsal margin and broadly convex ventral margin formed by a weak flange-like alar process along valve length. Posterior margin obliquely truncate with weakly acuminate caudal process which bears a strong, ventral, terminal spine in the right valve. Weak ribs extend close and parallel to the anteroventral margin, short secondary vertical ribs extend medianly. Ventral surface bears diffuse, concentrically aligned ribs. Hingement antimerodont. Frontal muscle scar ovate. Selvage strongly developed with prominent anterior denticulation consisting of about 8 teeth in the right valve.

Explanation of Plate 24, 2

Figs. 1, 2, 5, adult LV (holotype, **ANU 56378**, 1127 µm long): fig. 1, ext. lat.; fig. 2, dors.; fig. 5, ant. Fig. 3, juv. RV, ext. lat. (**ANU 56379**, 764 µm long). Fig. 4, juv. LV, ext. lat. (**ANU 56380**, 800 µm long).

Scale A (100 µm; ×55), figs. 1–5.

Remarks: The species is distinguished from other deep-sea *Cytheropteron* species by its large size and extremely thick shell. The strongly dentate selvage in the right valve and pattern of ribbed ornament is also characteristic, although the latter feature is somewhat comparable to that of *Cytheropteron testudo* Sars, 1869. The species is remarkably similar to *Cytheropteron carinoalatum* Bate, 1972 described from the Upper Cretaceous Gingin Chalk of Western Australia (*Spec. Pap. Palaeont.*, **10**, 45, pl. 17 figs. 10, 11). The most conspicuous differences are the more strongly arched dorsal margin and the ovate frontal muscle scar of *C. crassiscutum*. In *C. carinoalatum* the frontal scar is "v" shaped and the dorsal margin more sinuous. Nevertheless, the close morphological similarity of *C. crassiscutum* and *C. carinoalatum* and their geographical and stratigraphical relationship (range of *C. crassiscutum* is indicated below) strongly suggest that the former is a descendant of the latter. A second, related species described from the Gingin Chalk, *Cytheropteron collisarboris* Neale, 1975 (*Spec. Pap. Palaeont.*, **16**, 25, pl. 8 fig. 9) differs in possessing a spinose anterior margin, straight dorsal margin and a maximum width behind mid-length.

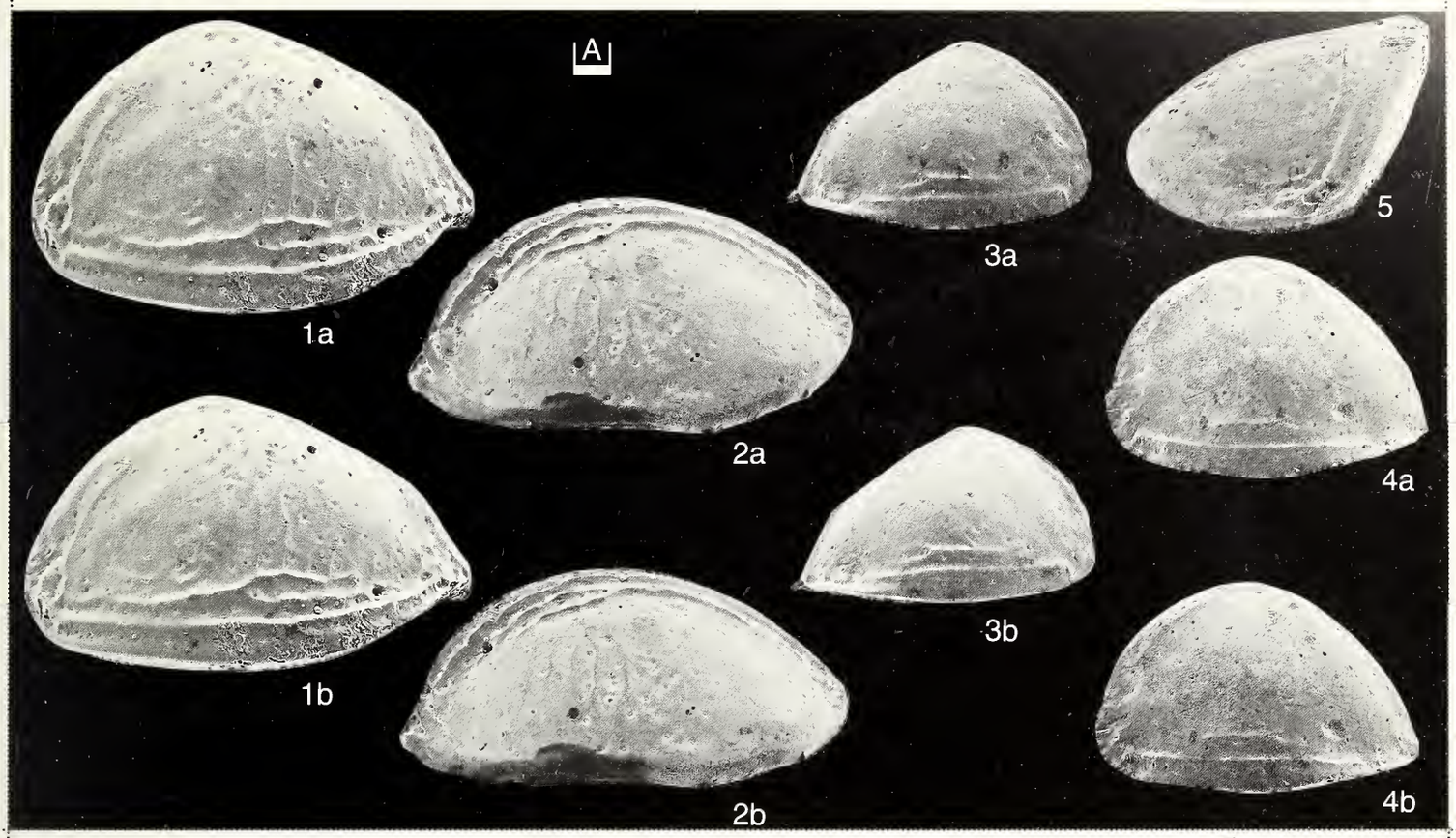
Distribution: The species was found intermittently, in core-catcher samples of cores 5 (U. Pliocene), 6, 11 (E. Pliocene), 26 (M. Miocene) and 31 (E. Miocene), at DSDP Site 592, Lord Howe Rise, and in core-catcher of core 42 (M. Miocene) of DSDP site 593 on the Challenger Plateau, Tasman Sea. In addition a single specimen was recorded in the Timor Sea at DSDP Site 262, core 36, section 6, Early Pleistocene. The species has also been documented in the Upper Oligocene of Tasman Sea DSDP Site 208 and Middle to Upper Eocene of Coral Sea, DSDP Site 209 by Millson (1987, *The Palaeobiology of Palaeogene Ostracoda from Deep Sea Drilling Project cores in the SW Pacific*, unpubl. Ph.D. thesis, Univ. Wales, pl. 35, figs. 15–20).

Acknowledgements: I am very grateful to Kerry Swanson for allowing me to study and document the ostracod specimens which he collected from DSDP core-catcher samples of Leg 90, SW Pacific.

Explanation of Plate 24, 4

Figs. 1, 2, adult LV (holotype, **ANU 56378**, 1127 µm long): fig. 1, int. lat.; fig. 2, subcentral muscle scars. Figs. 3, 4, juv. RV, int. lat. (**ANU 56379**, 764 µm long).

Scale A (100 µm; ×55), figs. 1, 4; scale B (100 µm, ×220), fig. 2; scale C (100 µm; ×200), fig. 3.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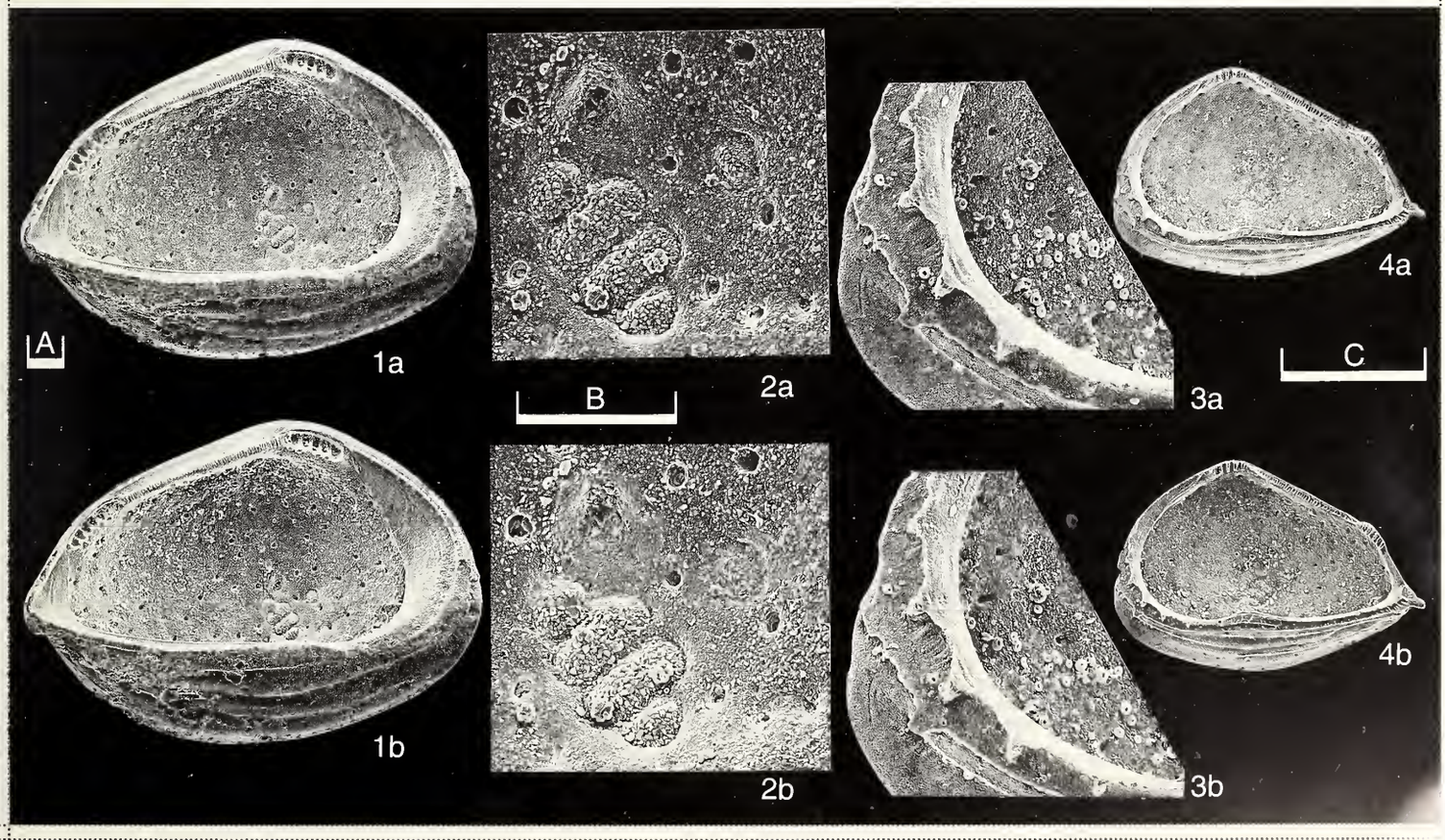
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Stereo-Atlas of Ostracod Shells 24 (2) 5–12 **(1998)**
595.337.14 (119.9) (520: 161.138.37): 551.351

ON *CYTHERE HANAII* TSUKAGOSHI & IKEYA

by Akira Tsukagoshi
(The University Museum, The University of Tokyo, Hongo 7-3-1. Tokyo 113, Japan)

Cythere hanaii Tsukagoshi & Ikeya, 1987

1987 *Cythere hanaii* sp. nov., A. Tsukagoshi, & N. Ikeya, *Trans. Proc. Palaeontol. Soc. Japan New Ser.*, **148**, figs. 5d, 7–1a–d.
1990 *Cythere hanaii*; Tsukagoshi & Ikeya; A. Tsukagoshi, *Lethaia*, **23**, fig. 19.
1990 *Cythere omotenipponica* Hanai; E.-H. Lee, *Pleistocene Ostracoda from the marine sedimentary strata of the Cheju Island, Korea*, pl. 10, figs. 7–9, text-fig. 47.
1996 *Cythere hanaii* Tsukagoshi & Ikeya; H. Ozawa, *Sci. Rep. Kanazawa Univ.*, **41**, pl. 3, fig. 6.

Holotype: Institute of Geosciences, Shizuoka University [IGSU] no. **O 527**; ♂ RV (Length = 0.72 mm, Height = 0.44 mm). [Paratypes: nos. **O 528–O 530**].

Type locality: An exposure along Hanyu River, about 250m west of Hanyu Village, Sawane-machi. Sado Island, Japan (37° 59.4′ N, 138° 15.9′ E). The Middle Pleistocene Kaidate Formation.

Explanation of Plate 24, 6

Figs. 1, 2, 4–6, ♂ car. (**RA 27586**, 660 μm long): fig. 1, rt. lat.; fig. 2, lt. lat.; fig. 4, funnel-type pore system (Type 3 pore system of Tsukagoshi, 1990); fig. 5, proximal part of sensillum and funnel structure; fig. 6, sieve-type pore (Type 5 pore system of Tsukagoshi, 1990). Fig. 3, ♂ car. dors. (**RA 27591**, 660 μm long).
Scale A (200 μm; ×70), figs. 1–3; scale B (10 μm; ×1750), figs. 4, 6; (2 μm; ×8750), fig. 5.

Figured specimens: The University Museum, The University of Tokyo [UMUT] nos. **RA 27585** (♂ car.: Pl. **24**, 10, figs. 1, 2, 4, 5), **RA 27586** (♂ car. with soft parts: Pl. **24**, 6, figs.1, 2, 4-6, Pl. **24**, 8, figs. 4, 5, text-fig. 2), **RA 27587** (♀ car.: Pl. **24**, 8, figs. 1, 2), **RA 27588** (♀ car.: Pl. **24**, 12, figs. 1, 2, 4–7), **RA 27589** (♀ car.: Pl. **24**, 8, fig. 3), **RA 27590** (♀ car.: Pl. **24**, 12, fig. 3), **RA 27591** (♂ car.: Pl. **24**, 6, fig. 3), **RA 27592** (♂ car.: Pl. **24**, 10, fig. 3), **RA 27593** (♂ car.: Pl. **24**, 11, fig.1). All figured specimens collected from rocky inter-tidal zone, Tsuyazaki, 20 km NE of Fukuoka City, Fukuoka Pref. Kyushu, Japan (33° 46.9′ N, 130° 27.1′ E) on 4 June, 1988.

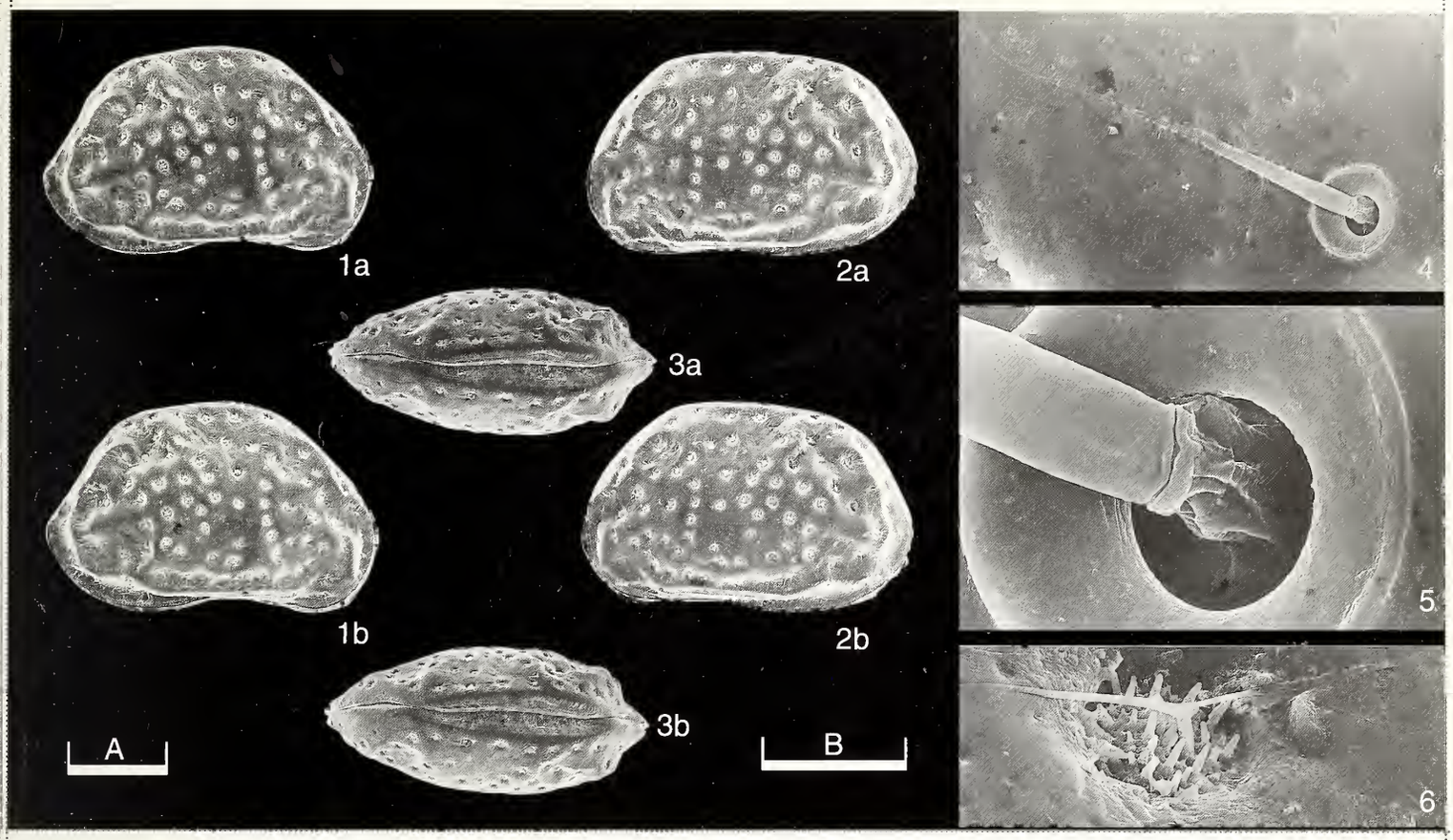
Diagnosis: A species of *Cythere* with distinct radial ridges on well calcified and thick carapace. The number of sieve-type pores ranges from 70 to 74. Typical distribution pattern of lateral pore systems in Pl. **24**, 11, fig. 2. In male copulatory organ, posterior-distal end of outer (supporting) lobe stout. Distal end of clasping apparatus forks and one end is thin with very fine serrature.

Remarks: This species was described from fossil material by Tsukagoshi & Ikeya (1987, *op. cit.*). It was widely distributed along the coast of the Sea of Japan in the Late Pliocene and Pleistocene. Subsequently, living specimens were collected from inter-tidal, rocky shores in northern Kyushu from which soft parts are described, herein. According to Tsukagoshi (1990, *op. cit.*) the ontogenetic change in the distribution of pores, suggests that *Cythere hanaii* and *C. omotenipponica* are closely related and form a species group together with *C. lutea*, *C. urupensis* and *C. valentinei* within the genus *Cythere*.

Acknowledgements: I express my deep appreciation to Dr. Ian Boomer for his critical reading of the manuscript and kind encouragement. I also thank Ms. Shiori Tsukagoshi for providing valuable algal samples which yielded living specimens of *Cythere hanaii*. This study was partly supported by the Grant-in-Aid for Scientific Research (No. 09740636) of the Ministry of Education, Science and Culture, Government of Japan.

Explanation of Plate 24, 8

Figs. 1, 2, a car. (**RA 27587**, 670 μm long): fig. 1, rt. lat.; fig. 2, lt. lat. Fig. 3, ♀ car. dors. (**RA 27589**, 650 μm long). Figs. 4, 5, ♂ car. (**RA 27586**): fig. 4, sieve-type pore system (Type 4 pore system of Tsukagoshi, 1990); fig. 5, proximal part of sensillum and sieve plate with corn-like processes
Scale A (200 μm; ×70), figs. 1-3; scale B (10 μm; ×1750), fig. 4; (2 μm; ×8750), fig. 5.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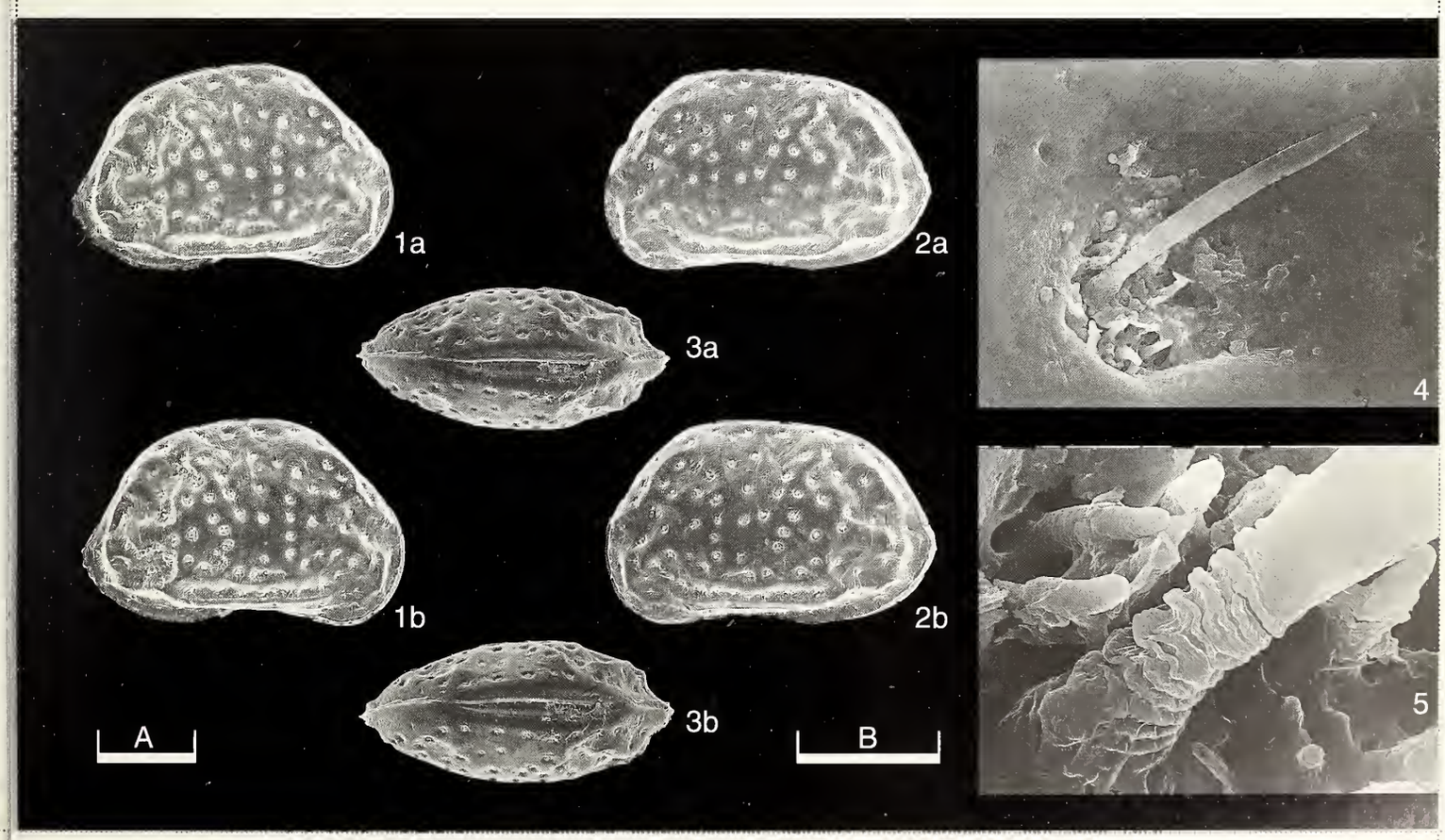
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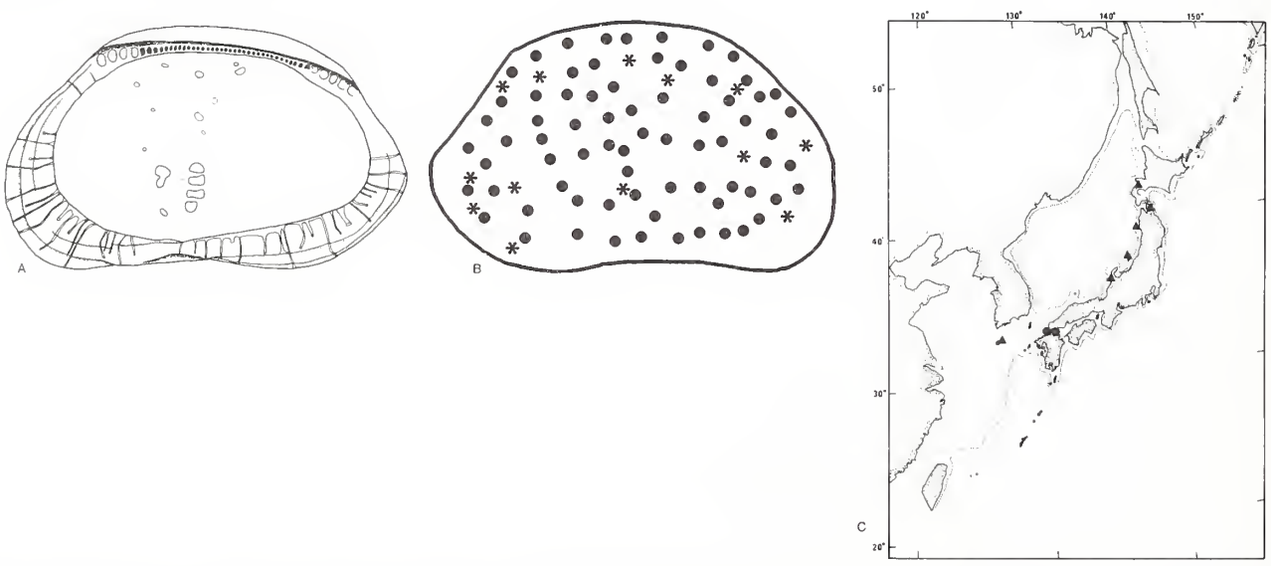
Text-fig. 1. Appendages of *C. hanaii*, ♂ (**RA 27585**). A, antennule; B, antenna; C, mandible; D, maxilla; E, walking leg; F, male copulatory organ. Scale = 100 μm (approx.) for A–F.

Explanation of Plate 24, 10

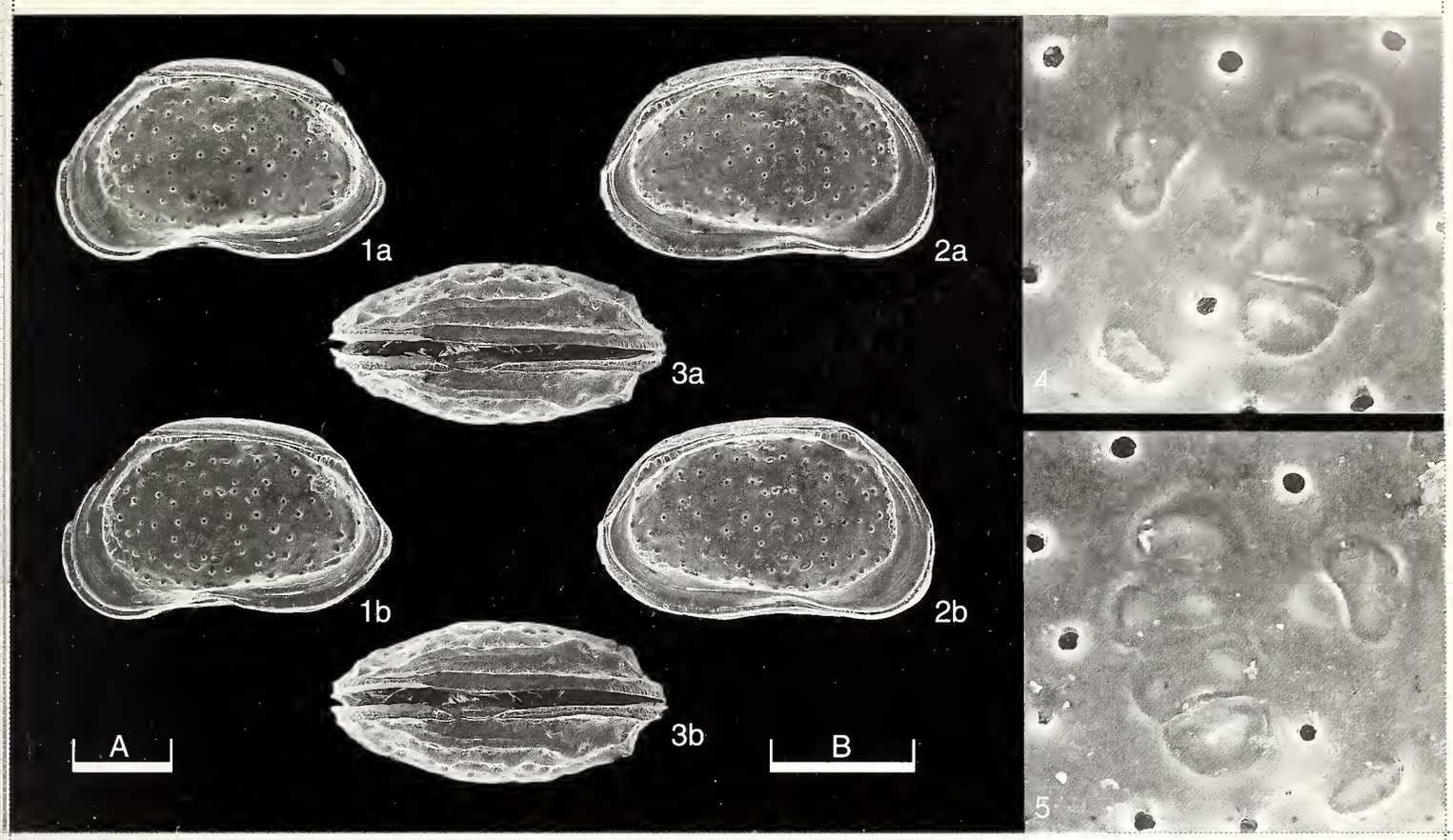
Figs. 1, 2, 4, 5, ♂ car. (**RA 27585**, RV 660 μm long, LV 680 μm long): fig. 1, disarticulated car., rt. valve, int. lat.; fig. 2, disarticulated car., lt. valve, int. lat.; fig. 4, adductor muscle scars, RV; fig. 5, adductor muscle scars, LV; Fig. 3, ♂ car. vent. (**RA 27592**, 680 μm long).
Scale A (200 μm; ×70), figs. 1-3; scale B (40 μm; ×450), figs. 4, 5.



Text-fig. 2. (**RA 27593**). A, distribution of marginal pore canals; B, typical distribution pattern of lateral pores in *Cythere hanaii*, black dots and asterisks indicate sieve-type and funnel-type pores respectively; C, geographical and geological distribution of *Cythere hanaii* Tsukagoshi & Ikeya, 1987 (*op. cit.*). Solid black circles indicate Recent records, triangles mark Late Pliocene to Late Pleistocene localities. Scale = 200 μm (approx.) for A, B.

Explanation of Plate 24, 12

Figs. 1, 2, 4-7, ♀ car. (RA 27588, 650 μm long): fig. 1, disarticulated car., rt. valve, int. lat.; fig. 2, disarticulated car., lt. valve, int. lat.; fig. 4, anterior hinge element, RV; fig. 5, posterior hinge element, RV; fig. 6, posterior hinge element, LV; fig. 7, anterior hinge element, LV. Fig. 3, car. dor. (RA 27590, 680 μm long).
Scale A (200 μm; ×70), figs. 1-3; scale B (50 μm; ×360), figs. 4–7.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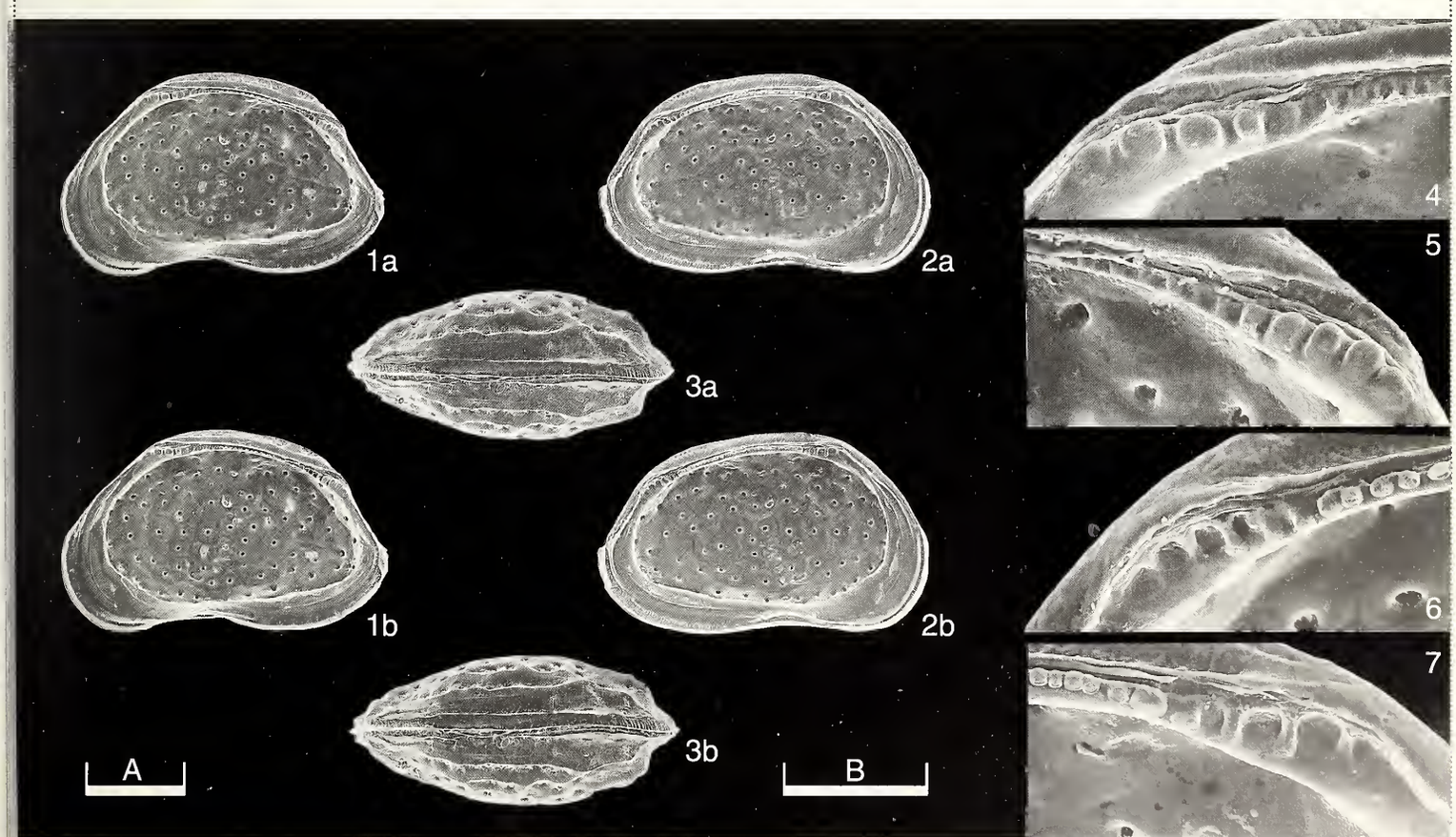
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595.336.12 (113.311) (941:163.126.18): 515.351

ON *EODOMININA EMA* SCHALLREUTER sp. nov.

by Roger E. L. Schallreuter
(University of Hamburg, Germany)

Eodominina ema sp. nov.

Holotype: Commonwealth Palaeontological Collections, Australian Geological Survey, Canberra, A.C.T., Australia (**CPC**), no. 23054; right valve.

[Paratypes: **CPC** nos. **23055–23057**; Museum für Naturkunde, Berlin, Germany (**MB**), nos. **O.218–O.219**.]

Type locality: Type section of the Emanuel Formation at Prices Creek, northern Western Australia; approximately lat. 18° 35′ 48″ S, long. 125° 53′ 00″ E. Sample no. WCB 705/117, from the Lower Emanuel Formation (exact horizon not determined), Arenig Series, Ordovician.

Derivation of name: With reference to the stratigraphical occurrence of the species, in the Lower Emanuel Formation.

Diagnosis: *Eodominina* with lobes relatively broad, dorsally somewhat bulb-like, at best only weakly protruding over the hinge line; tips of the lobes are weakly inclined to each other. Adult valves are up to at least 1.07 mm long.

Explanation of Plate 24, 14

Fig. 1, RV ext. lat. (holotype, **CPC 23054**, 1.07 mm long). Fig. 2, RV ext. lat. (paratype, **CPC 23055**, 0.81 mm long). Fig. 3, juv. LV, ext. lat. (paratype, **CPC 23056**, 0.62 mm long).

Scale A (100 µm; ×72), fig. 1; scale B (100 µm; ×94), fig. 2; scale C (100 µm; ×88), fig. 3.

Figured specimens: **CPC** nos. **23054** (holotype, RV: Pl. **24**, 14, fig. 1), **23055** (paratype, RV: Pl. **24**, 14, fig. 2), **23056** (paratype, LV: Pl. **24**, 14, fig. 3) and **23057** (paratype, car.: Pl. **24**, 16, fig. 3). **MB** nos. **O.218** (paratype, car.: Pl. **24**, 16, fig. 1) and **O.219** (car.: Pl. **24**, 16, fig. 2).

All of the figured specimens were obtained from the same sample (WCB 705/117) as the holotype.

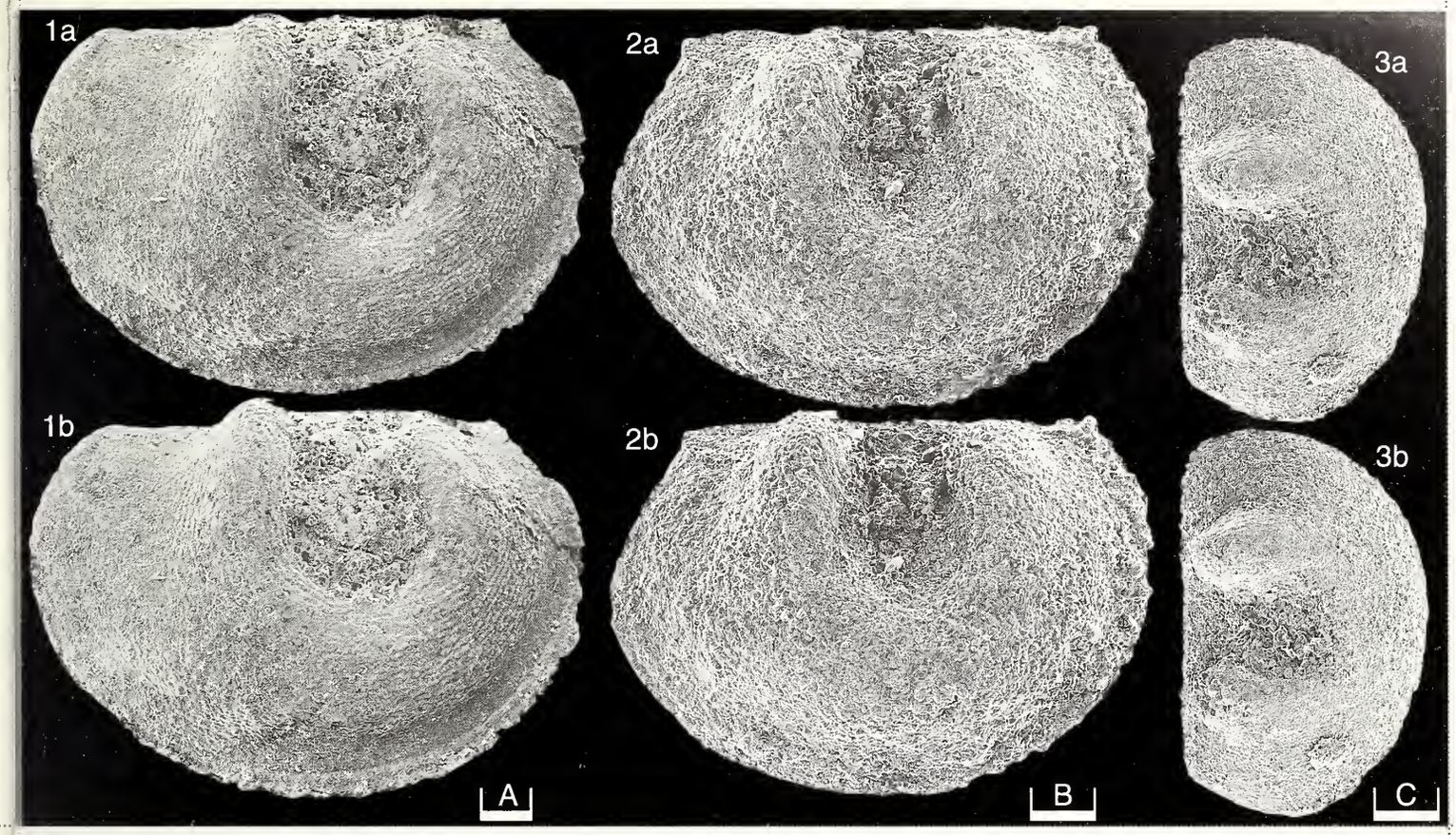
Remarks: In the younger *Eodominina nuela* Schallreuter (*Stereo-Atlas Ostracod Shells* **20**, 121-124, 1993) the main lobes (L_1, L_3) are more spine-like and the dorsal ends are more parallel to each other. In *E. ema* the tips of the lobes are inclined to each other and normally are not spine-like. These differences are evident in the populations of specimens of the two forms.

Distribution: Known only from the Lower Emanuel Formation at the type section; Arenig Series, Ordovician. Recovered from samples WCB 705/46, 68, 78, 105,117, 124, 130, 141, 143-5, 149, 150, 167 and 174.

Explanation of Plate 24, 16

Fig. 1, car. ext. lt. lat. (paratype, **MB O.218**, 1.07 mm long). Fig. 2, car. ext. lt. lat. (paratype, **MB O.219**, 1.09 mm long). Fig. 3, car. ext. vent. (paratype, **CPC 23057**, 1.02 mm long).

Scale A (100 µm; ×70), figs. 1, 2; scale B (100 µm; ×54), fig. 3.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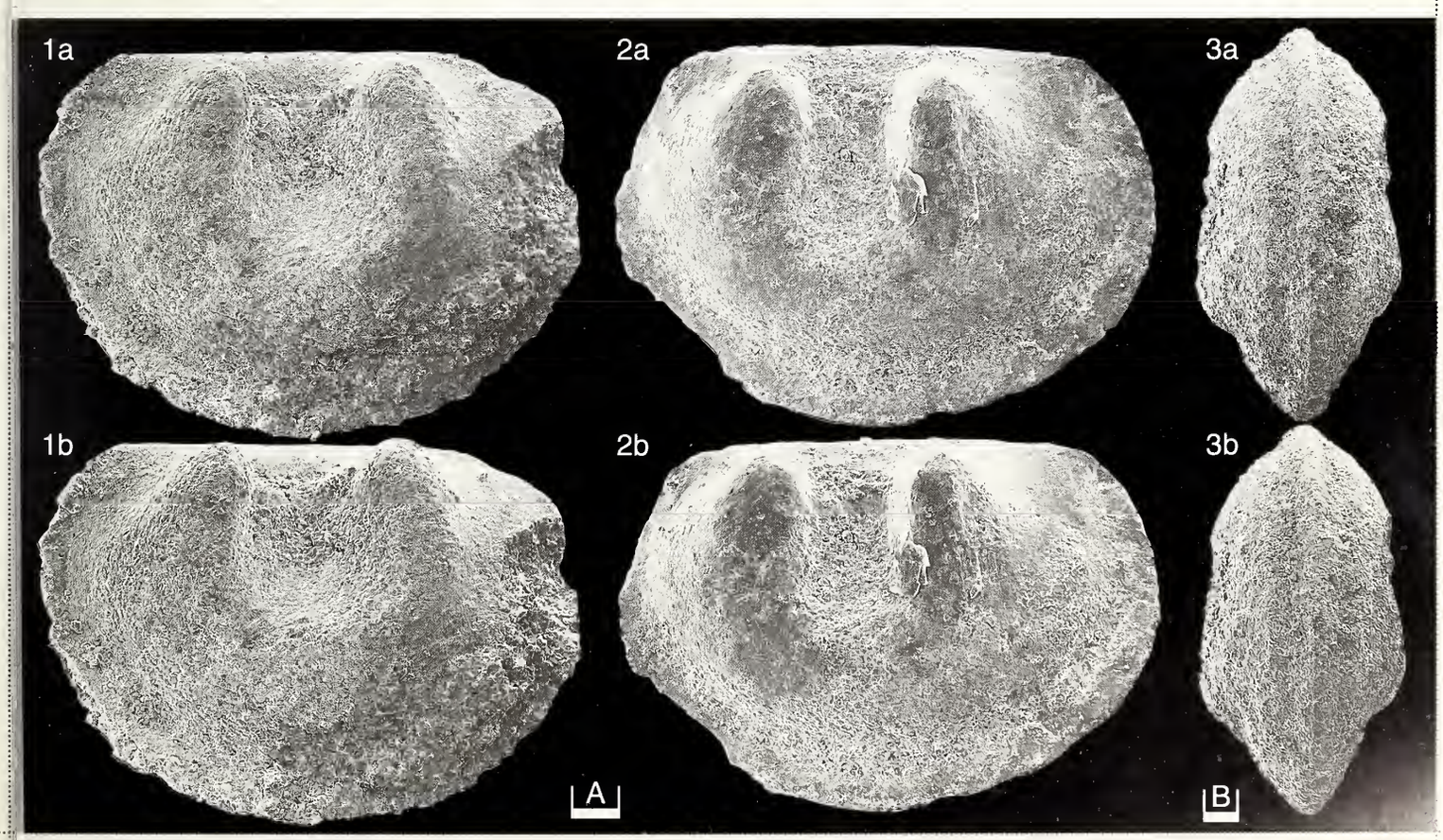
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595.336.13 (113.31) (485:161.014.55 + 161.018.57): 551.351 + 552.55

ON *SEVEROBOLBINA ELLIPTICA* (STEUSLOFF)

by Roger E. L. Schallreuter
(University of Hamburg, Germany)

Genus *SEVEROBOLBINA* Schallreuter, 1974
Type-species (by original designation): *Strepula elliptica* Steusloff, 1895

Diagnosis: Large, unisulcate *Severobolbina*; sulcus (S2) short. Preadductorial node (L2) flat and indistinct. No distinct posteroventral lobe (L3 ventral). Tecnomorphic velum reduced, manifest only as an indistinct, flat, bulge-like ridge. No histium in tecnomorphs. Female velum and histium occur as flanges which unite in the anteroventral part of the valve. Marginal sculpture is a row of spines. Surface smooth or tuberculate. Adults up to more than 2 mm long.

Remarks: *Severobolbina* (= *Severella* Schallreuter, 1964 *non* Sapelnikov, 1963) is a member of the Sigmoopsinae (Tetradellidae). It is characterized by having only one short sulcus and also by tecnomorphs which lack a histium and have a much reduced velum.

In the morphology of its adventral sculptures *Severobolbina* resembles the perspicilline *Pentagona* Schallreuter, 1964. The latter differs by its long sigmoidal sulcus, its distinct tecnomorphic velar ridge and its flange-like marginal sculpture.

Both *S. elliptica* and the other known congeneric species, *Ctenobolbina kuckersiana* Bonnema, have previously been assigned to *Carinobolbina* Henningsmoen, 1953. The latter differs from *Severobolbina* by the development of two long sulci (S2 and S3) and by lacking a confluence of its histium and velum anteriorly. *Carinobolbina* is now considered a subgenus of *Kiesowia* (Schallreuter, R.E.L., *Stereo-Atlas Ostracod Shells*, **6** (2), 79, 1979).

Severobolbina elliptica (Steusloff, 1895)

1895 *Strepula elliptica* sp. n. A. Steusloff, *Z. Dt. geol. Ges.*, **46** (4), 778, pl. 58, fig. 21.
1924 *Steusloffia (Strepula) elliptica* ("wahrscheinlich eine *Ctenobolbina*-Art"); E. Kummerow, *Jb. Preuss. geol. Landesanst.*, **44**, 407, 408.
1955 *Carinobolbina severa* sp.n. (*nom. nud.*). L. I. Sarv, *Fauna ostrakod ordovika Estonskoj SSR, Avtoref. diss.*, 10, table 2 (15).
1959 *Carinobolbina severa* sp. n. L. I. Sarv, *Eesti NSV Teaduste Akad. Geol. Inst. Uurimused*, **4**, 138–9, 193, table 2 (189), pl. 24, figs. 8–15.
1964 *Severella elliptica* (Steuslov, 1894) (= *Carinobolbina severa* Sarv, 1959); R.E.L. Schallreuter, *Ber. geol. Ges. DDR*, **9** (3), 395.
1966 *Severella severa* (Sarv); R. M. Männil, *Istorija razvitiya Baltijskogo bassejna v ordovike*, 68, 69 (cf.).
1966 *Severella elliptica* (Steusloff, 1894) & *Severella severa* (Sarv, 1959); V. Jaanusson, *Publ. Palæo. Inst. Univ. Uppsala*, **66** = *Bull. Geol. Inst. Univ. Uppsala*, **43** (6/8), 7, 1963, 14–15, pl. 1, figs. 1–5, text-fig. 3.
1967 *Severella elliptica* (Steusloff, 1895) = *Carinobolbina severa* Sarv, 1959; R.E.L. Schallreuter, *N. Jb. Geol. Paläont. Mh.*, 1967, 436–7.
1969 *Severella elliptica*; V.S. Krandievsky, *Dopovidi Akad. nauk Ukrainsk. RSR, ser. B*, **1969** (10), 872, table 1.
1973 *Severella severa* Sarv; N. Sidaravichene, *Doklady Akad. nauk SSSR*, **209**, 83.

Explanation of Plate 24, 18

Fig. 1, ♀ LV, ext. lat. (**AGH G161-1**, 1.96 mm long). Fig. 2, ♀ RV, ext. lat. (**AGH G161-2**, 1.98 mm long).
Scale A (250 µm; ×50), figs. 1, 2.

1974 *Carinobolbina severa*; V. Nestor, *Cat. Paleont. Coll.*, 75.
1978 *Carinobolbina severa* Sarv; L.K. Gailite, *Ocherki geol. Latvii*, 31.
1982 *Severobolbina elliptica* (Steusloff, 1895); R. Schallreuter, *Palaeontographica A*, **178** (1/3), 24, 25–26, pl. 3, figs. 7–11, pl. 4, fig. 4, table 8 (q.v. for full synonymy).
1982 *Severella severa* (Sarv); L.K. Gailite *in* R. Zh. Ulst (ed), *Ordovik Latvii*, table 9 (125).
1983 *Severobolbina elliptica* (Steusloff, 1895); R.E.L. Schallreuter, *Palaeontographica A*, **180**, 166, 180, pl. 10, fig. 4 (q.v. for further synonymy).
1984 *Severobolbina elliptica* (Steusloff, 1895); R.E.L. Schallreuter, *N. Jb. Geol. Paläo. Abh.*, **169** (1), 5.
1985 *Severobolbina severa* (Sarv); L. Sarv *et al.*, *Eesti NSV Teaduste Akad. Toimetised, Geol.*, **34** (2), 44, faunal log on p. 42.
1985 *Severobolbina elliptica* (Steusloff), 1894; J. Sztejn, *Biul. Inst. Geol.*, **350**, 78, tables 1, 2, pl. 5, fig. 9.
1986-7 *Severella elliptica* (Steusloff, 1894A) of Schallreuter, 1964D; *Severobolbina elliptica* (Steusloff, 1894A) of Schallreuter, 1974B; *Strepula elliptica* Steusloff, 1894 A; *Strepula ? elliptica* (Steusloff, 1894A) of Bassler & Kellett, 1934A; E. K. Kempf, *Geol. Inst. Univ. Köln Sonderveroeff.*, **50**, 691,704; **51**, 200; **52**, 438, 609, 109, 184.
1986-7 *Carinobolbina severa* Sarv, 1959A; *Severella severa* (Sarv, 1959A) of Schallreuter, 1964D; E.K. Kempf, *Ibid.*, **50**, 158, 691; **51**, 539; **52**, 352, 438.
1987 *Severobolbina elliptica* (Steusloff,1895); R.E.L. Schallreuter, *N. Jb. Geol. Paläo. Abh.*, **174** (1): 25.
1987 *Severobolbina elliptica* (Steusloff,1895); R.E.L. Schallreuter, *Geol. Palāo. Westfalen*, **7**, 16.
1987 *Severella severa* (Sarv); V.F. Ropot & V.I. Pushkin, *Ordovik Belorussii*, fig. 8 (faunal log).
1988 *Severobolbina* (*Severobolbia* resp.) *elliptica* (Steusloff); L. Polma *et al.*, *Lithology and fauna of the Caradoc Series type sections in North Estonia*, 26, 28, 29, 41, 44, 60, figs. 9–11, 16–19, 26–27 (faunal logs).
1989 *Severobolbina elliptica* (Steusloff, 1895); R.E.L. Schallreuter, *N. Jb. Geol. Paläo. Mh.*, **1989** (4), 244, 245.
1989 *Strepula elliptica* Steusloff, 1894; E. Herrig & H. Nestler, *Katalog der paläozoologischen Typen*, 25 (no. 204).
1990 *Severobolbina elliptica* (Steusloff, 1894); V. A. Ivanova *in* A.F. Abushik *et al.*, *Prakticheskoe rukovodstvo po mikrofaune SSSR*, **4**, 67, 235, pl. 10, fig. 9.
1990 *Severella* or *Carinobolbina* resp. *severa* Sarv; H. Aru *et al.*, *Field Meeting Estonia 1990*, fig. 60A (190).
1990 *Severobolbina elliptica* (Steusloff, 1895); R.E.L. Schallreuter, *Fossilien von Sylt*, **3**, pl. 3, fig. 11.
1992 *Severobolbina elliptica* (Steusloff, 1895); N. Sidaraviciene, *Ostrakody ordovika Litvy*, 57, 58, 233, table 2 (208), pl. 12, figs. 10-12.
1993 *Severobolbina* [*Strepula*] *elliptica* (St.) Sch.,1973; R.E.L. Schallreuter, *Geol. Palāo. Westfalen*, **27**, table 2.
1996 *Severobolbina elliptica* (Steusloff, 1895); N. Sidaraviciene, *Lietuvos ordoviko ostrakodai, biostratigrafija*, 16, 23, table 4–7, figs. 3, 5–9 (faunal logs).
1996 *Severobolbina elliptica*; J. Nolvak & L. Hints *in* T. Meidla *et al.*, *The 3rd Baltic Stratigraphical Conference*, fig. A5.

Holotype: Institut für Geologie und Paläontologie (**UGIGP**), University of Greifswald, Germany, no. **114/60** (catalogue no. **204**); external mould and steinkern of a female right valve.

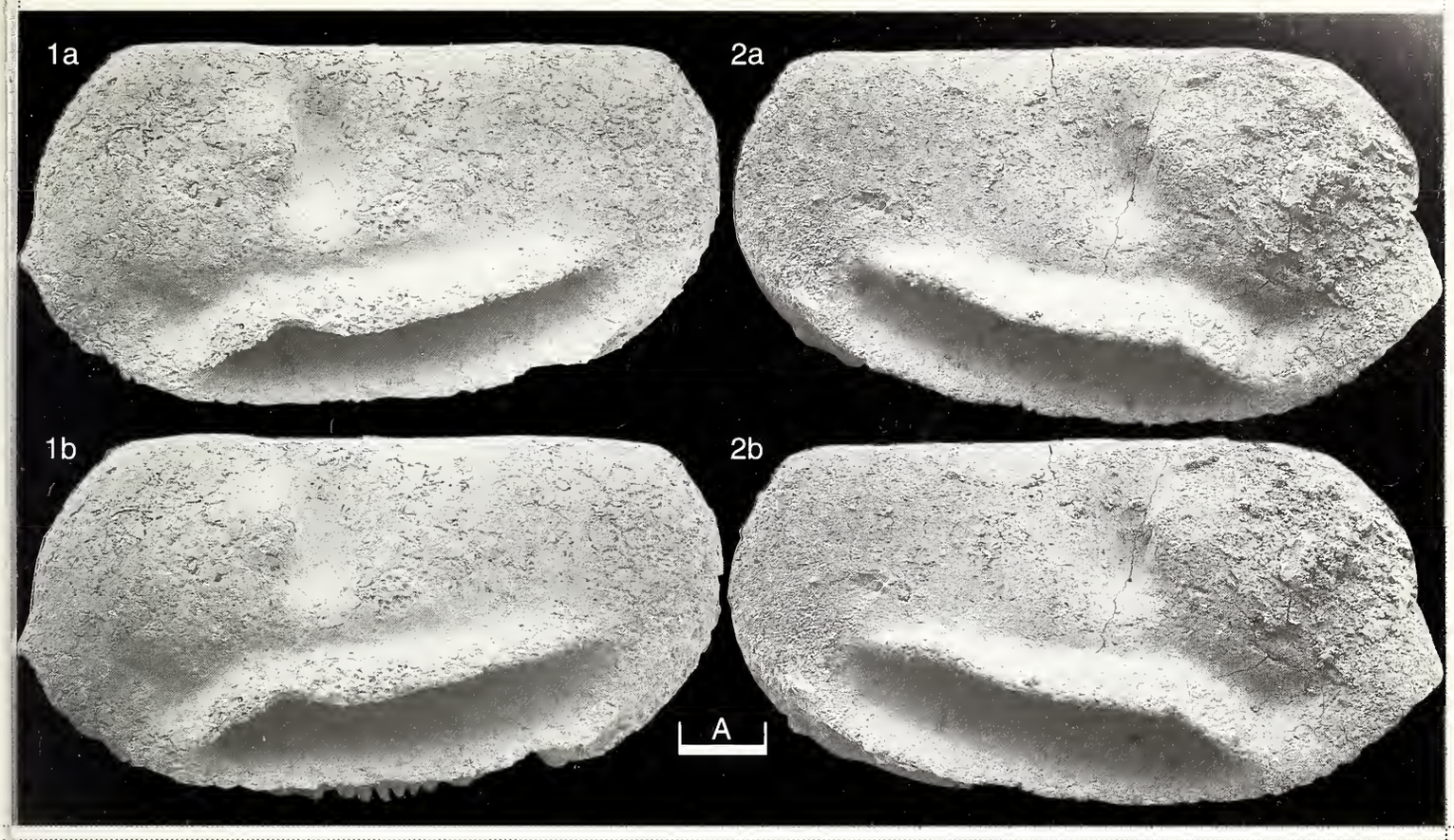
Type locality: Neubrandenburg, Mecklenburg, Germany; approximately lat. 53° 34′ N, long. 13° 16′ E. Upper Viruan Geschiebe (glacial erratic boulder); incorrectly designated by Steusloff as "Brandschiefer" (kuckersite). Caradoc Series, Ordovician.

Diagnosis: *Severobolbina* with short sulcus and relatively distinct preadductorial node. Histium oblique to dorsal border. Surface smooth or weakly tuberculate. Females mostly between 1.70 and 2.30 mm long.

Figured specimens: Archiv für Geschiebekunde, Geologisch-Paläontologisches Institut und Museum, University of Hamburg (**AGH**), Germany, nos. **G161-1** (♀ LV: Pl. **24**, 18, fig. 1; Pl. **24**, 22, fig. 3; Pl. **24**, 24, fig. 5), **G161-2** (♀ RV: Pl. **24**, 18, fig. 2; Pl. **24**, 22, fig. 4; Pl. **24**, 24, fig. 4), **G161-3** (tecnomorphic LV: Pl. **24**, 20, fig. 1; Pl. **24**, 22, fig. 1), **G161-4** (tecnomorphic RV: Pl. **24**, 20, fig. 2; Pl. **24**, 22, fig. 2), **G161-5** (tecnomorphic LV: Pl. **24**, 24, fig. 1), **G161-6** (tecnomorphic RV: Pl. **24**, 24, fig. 6), **G161-7** (tecnomorphic car.: Pl. **24**, 24, figs. 2, 3), and **G161-8** (silcoset cast of external mould of holotype, ♀ RV: Pl. **24**, 22, fig. 5).

Explanation of Plate 24, 20

Fig. 1, tecnomorphic LV, ext. lat. (**AGH G161-3**, 1.73 mm long). Fig. 2, tecnomorphic RV, ext. lat. (**AGH G161-4**, 1.72 mm long).
Scale A (250 µm; ×56), figs. 1, 2.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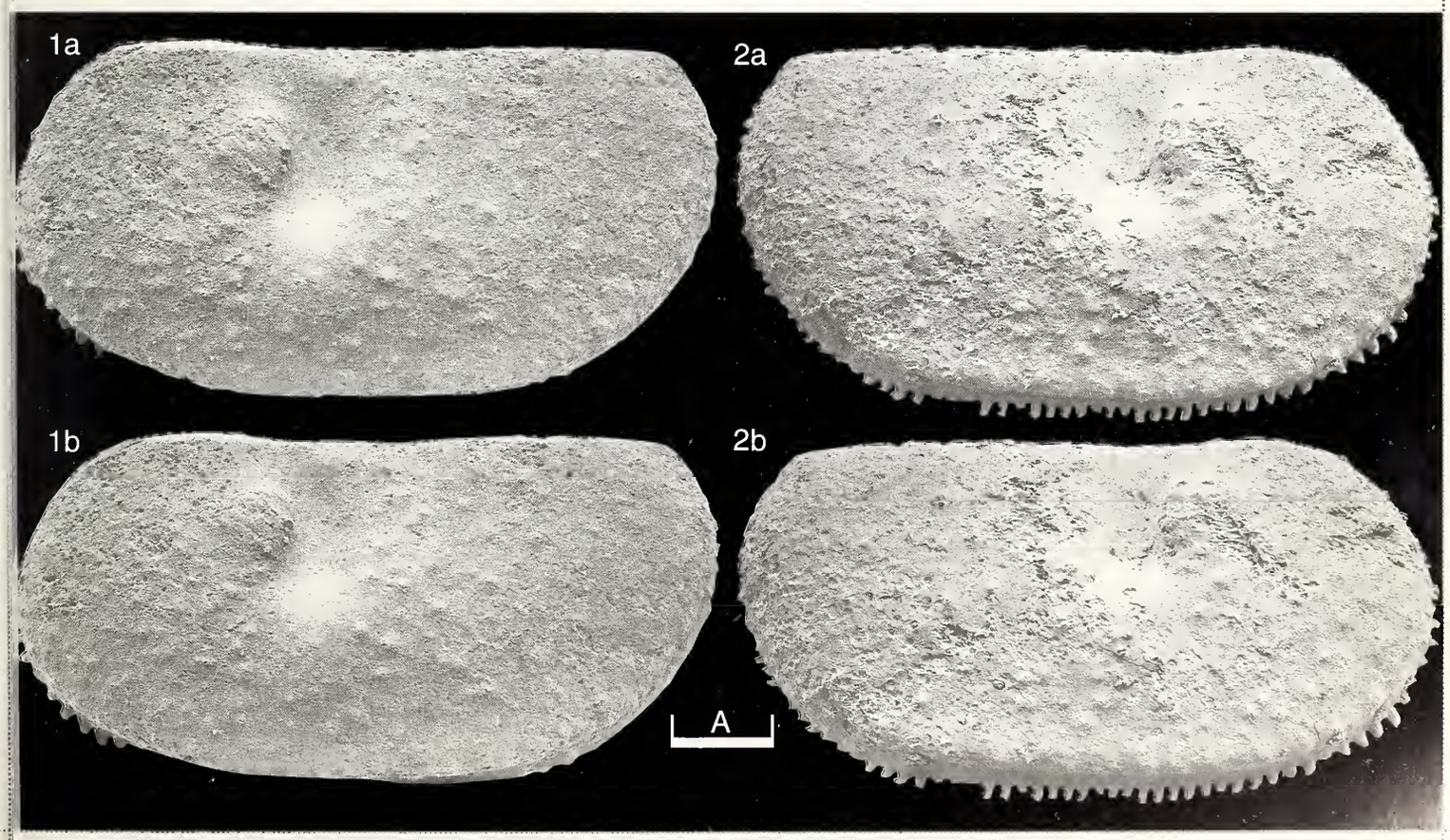
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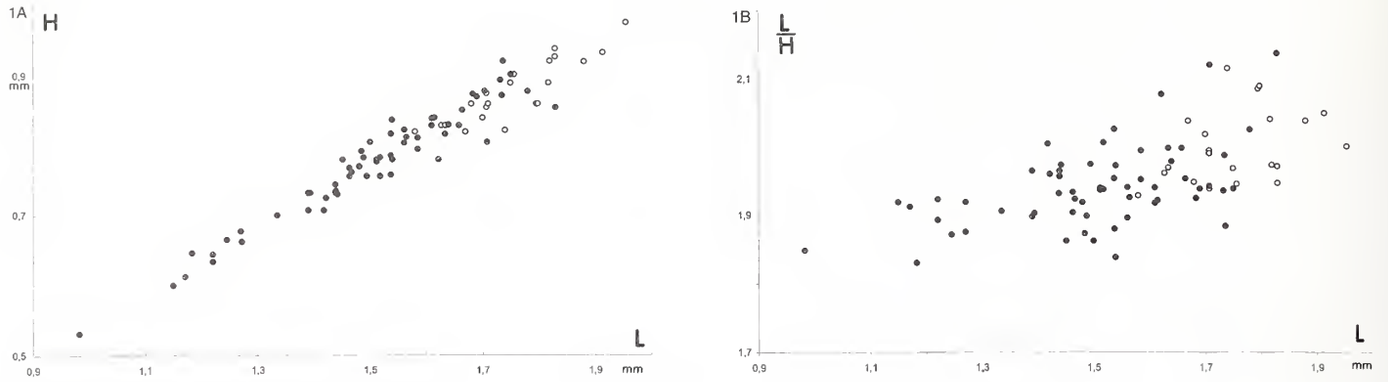


Text-fig. 1. Ontogeny of *Severobolbina elliptica*. A, Length:height (L:H) diagram; B, Length:shape (gestalt, L:H ratio) diagram. Based on 21 female (open circles) and 60 tecnomorphic (dots) specimens from 14 Backsteinkalk erratic boulders from N Germany and N Poland; Caradoc Series, Ordovician. The domicilium is measured from its inner side to the inner side of the contact margin or hinge margin respectively.

Explanation of Plate 24, 22

Fig. 1, tecnomorphic LV, ext. vent. obl. (**AGH G161-3**). Fig. 2, tecnomorphic RV, ext. vent. obl. (**AGH G161-4**). Fig. 3, ♀ LV, ext. vent. obl. (**AGH G161-1**). Fig. 4. ♀ RV, ext. vent. obl. (**AGH G161-2**). Fig. 5, ♀ RV, posterolat. obl., cast (**AGH G161-8**, 1.78 mm long) of the external mould of the holotype (**UGIGP 114/60**).

Scale A (250 μm; ×40), figs. 1, 2; scale B (250 μm; ×36), figs. 3, 4; scale C (250 μm; ×29), fig. 5.

All specimens except the holotype are from Backsteinkalk geschiebes; Idavere "stage" (C3) or Johvi "stage" (D1), Caradoc Series, Ordovician. **G161-1** to **G161-4** are from geschiebe Gis30 from Gislövshammar, Scania, approximately lat. 55° 29′ N, long. 14° 18′ E; the others are from geschiebe G29 from the Isle of Gotland, Sweden (cf. Schallreuter 1983, 165–6), approximately lat. 57° 18′ N, long. 18° 8′ E.

Remarks: According to Schallreuter (1964, *op. cit.*) *Strepula elliptica* Steusloff, 1895 is a senior synonym of *Carinobolbina severa* Sarv, 1959. Jaanusson (1966, *op. cit.*) considered the designation of the latter as the type-species of the genus as unfortunate because this "poorly known species" came "from an erratic boulder" of northern Germany, and because the author "overlooked the fact that, according to the Article 23b of the *International Code of Zoological Nomenclature* (1961), a name that has remained unused as a senior synonym in the primary zoological literature for more than fifty years is to be considered a forgotten name". In my opinion Jaanusson interpreted the article incorrectly: the earliest the name *elliptica* would have been an *nomen oblitum* would be in the year 2009, fifty years after the introduction of the name *severa*, and only if the senior synonym *elliptica* had not been used in those fifty years (Schallreuter, 1967, *op. cit.*). The ICZN article in question is now defunct.

Jaanusson also thought that "the synonymy of these two species has not been proved beyond doubt". He cited Kummerow (1924, *op. cit.*), who considered the holotype of *S. elliptica* to be an unidentifiable steinkern and that, in contrast to its generic features, its specific characters were poorly discernible. He argued that the holotype of *elliptica* (length 1.78 mm) is considerably smaller than any female of *S. severa* which he examined and in this respect is more similar to *S. kuckersiana*. He concluded that "without additional material it is impossible to confirm if *S. elliptica* is conspecific with *S. kuckersiana*, whether it represents an aberrant specimen of *S. severa*, or belongs to a third species".

The two female specimens of *S. severa* measured by Sarv (1959, *op. cit.*, 138) are 2.00–2.20 mm long. Females from several Backsteinkalk geschiebes of northern Germany range from 1.74–2,14 mm in length (Text-fig. 1).

Distribution: Ordovician of Europe.

N Estonia: Idavere (C3) and Johvi stages (D1) (Sarv, 1959, *op.cit.*). SW Estonia: ? lower Keila "stage" (Männil, 1966, *op. cit.*, 69). Latvia: Eastern facies zone: Shventupys–Viluchiai (~C3–D2) (Gailite, 1982, *op. cit.*). Lithuania: id, jh, and kl (Idavere–Keila "stages") of several boreholes (Sidaravichiene, 1992, *op. cit.*). Byelorussia: D1–D2 of Vangishki 205 borehole (Ropot & Pushkin, 1987, *op. cit.*).

Podolia: perevidkladcni vapnyaki (Krandievsky, 1969, *l. c.*). Eastern Poland: lithuanian facies zone of borehole Mielnik IG 1; Idavere–Oandu/Rakvere "stages".

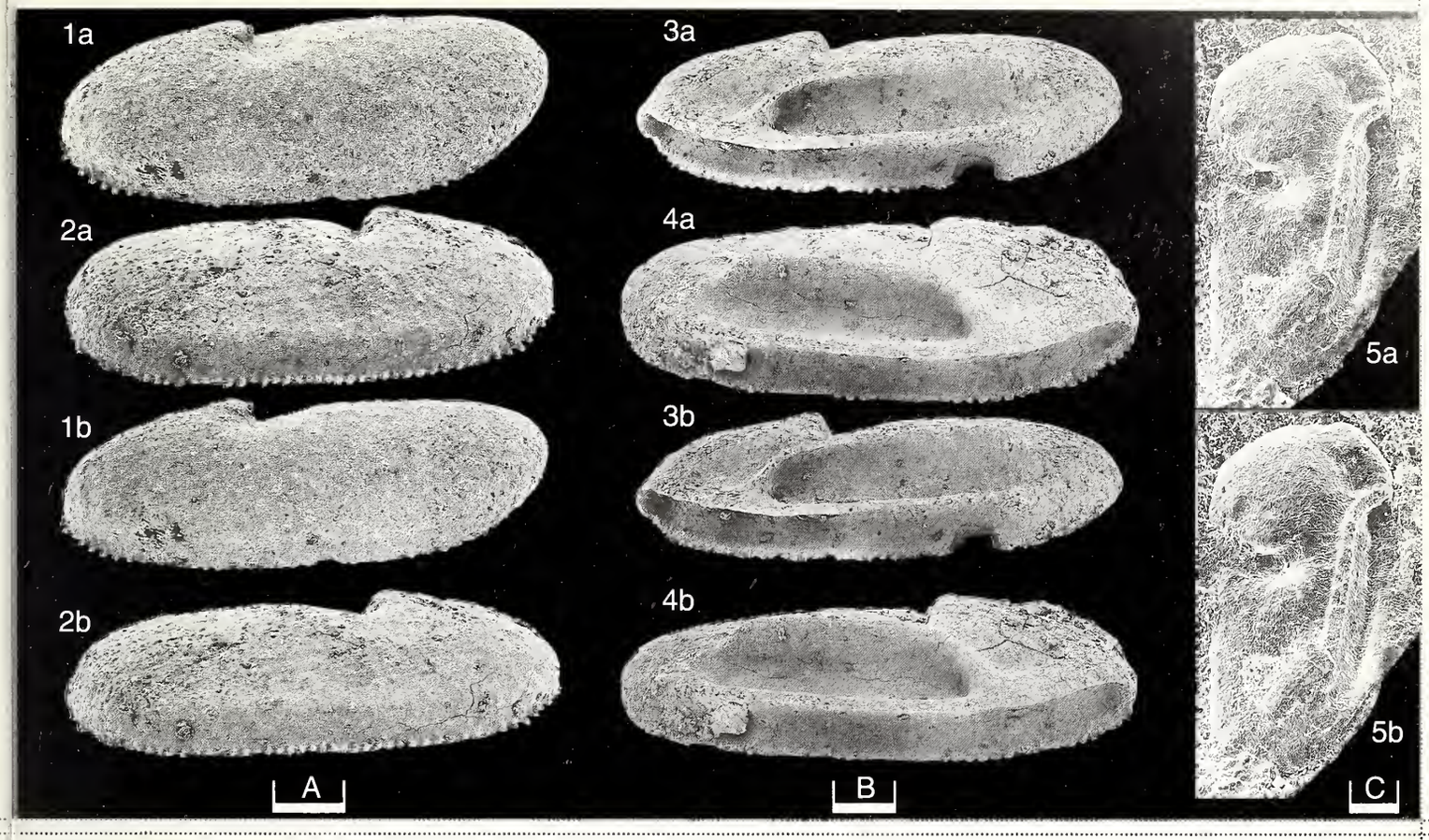
Isles of Gotland, Gotska Sandön and Saaremaa (Ösel): Johvi–lower Keila "stages" (Männil, 1966, *op. cit.*, 68).

Geschiebe: occurs in many Backsteinkalk geschiebes (Baltic and Intermediate types) of northern Central and southern N Europe: Nienhagen, Schleswig-Holstein; Neubrandenburg, Mecklenburg; Isle of Hiddensee, Peninsula Kleiner Zicker, Isle of Rügen, Möckowberg; Rixhöft, Pommerellen; Gislövshammar, Scania; NW coast, Isle of Gotland.

Explanation of Plate 24, 24

Fig. 1, tecnomorphic LV, ext. lat. (**AGH 161-5**, 1.54 mm long). Figs. 2, 3, tecnomorphic car. (**AGH G161-7**, 1.49 mm long): fig.2, ext. vent.; fig.3, detail of the sculptures at the free margin. Fig. 4, ♀ RV, ext. anterovent. obl. (**AGH G161-2**). Fig. 5, ♀ LV, ext. anterovent. obl. (**AGH G161-1**). Fig. 6, tecnomorphic RV, ext. lat. (**AGH G161-6**, 1.61 mm long).

Scale A (250 μm; ×45), fig. 1; scale B (250 μm; ×47), fig. 2; scale C (25 μm; ×195), fig. 3; scale D (250 μm; ×30), fig. 4; scale E (250 μm; ×32), fig. 5; scale F (250 μm; ×37), fig. 6.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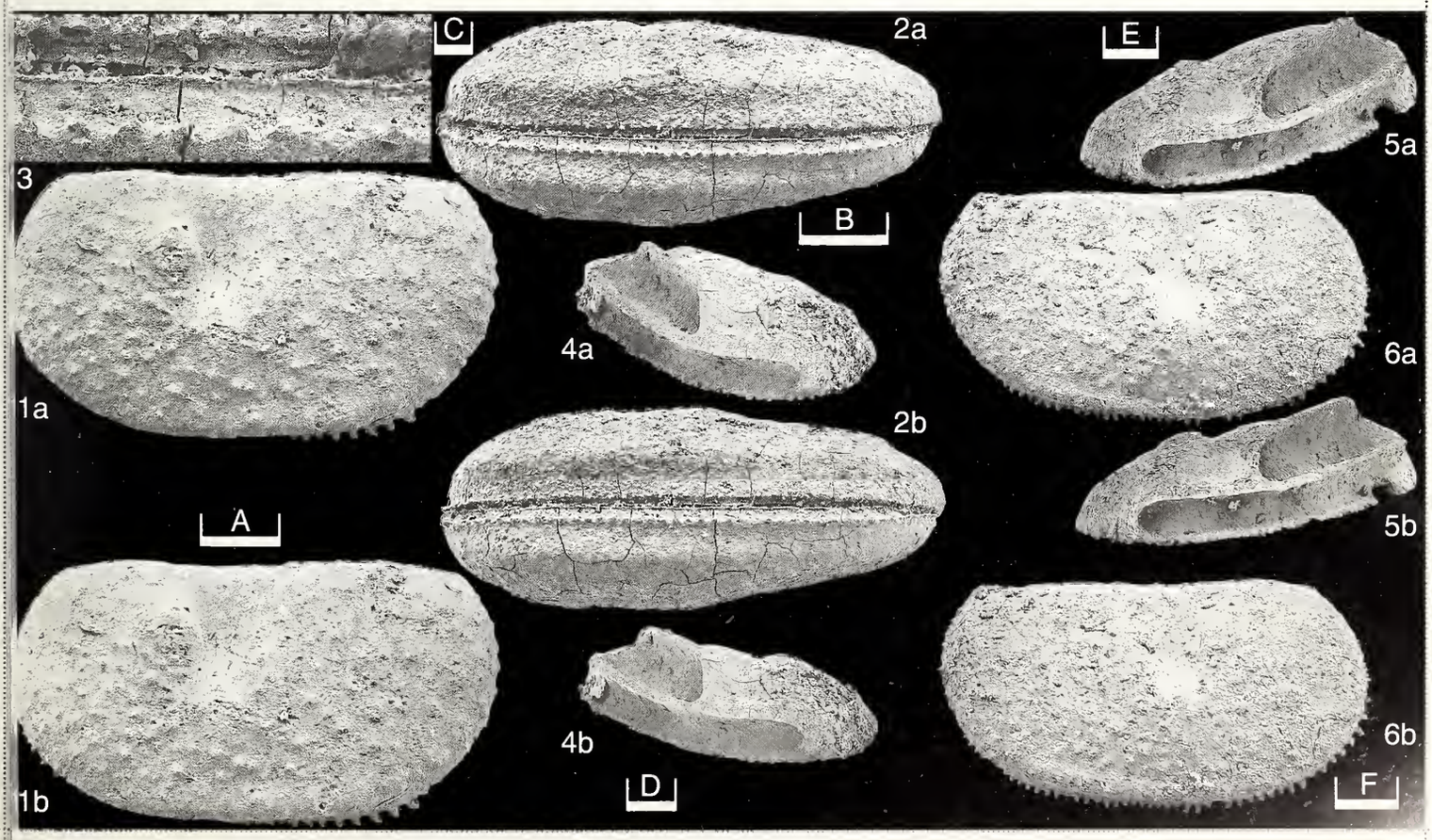
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595.336.13 (113.31) (430:161.008.54): 551.351 + 552.55

ON *SCROBISYLTHIS RETICULATUS* (SARV)

by Roger E. L. Schallreuter
(University of Hamburg, Germany)

Genus *SCROBISYLTHIS* Schallreuter, 1982
Type-species (by original designation): *Sigmobolbina quanta* var. *reticulata* Sarv, 1959

Diagnosis: Small, unisulcate *Scrobisylthis* sp.; adults less than 1 mm long. Valves rather flat. Sulcus (S2) is a broad, shallow pit. Lobes not distinctly developed. Velum occurs as a keel-like ridge in males; as a narrow flange forming a flat admarginal antrum anteriorly and ventrally in females; is often lacking in larvae. Histium occurs as a small ridge close to the velum; ends posteriorly as a short spine (and is reminescent of a spine on a posteroventral lobe); though essentially non-dimorphic, is often not so strongly developed in males as in the females; sometimes lacking in both dimorphs. No distinct marginal sculpture. Most of valve lateral surface is reticulate or punctate; smooth adjacent to the dorsal margin.

Remarks: *Sylthis* Schallreuter, 1982 is distinguished from *Scrobisylthis* by having S2 developed as a cavum and by the occurrence of a posterventral lobe (L3) and a fissum-like furrow behind and sometimes anteroventrally of that lobe (Schallreuter, R.E.L., *N. Jb. Geol. Paläo. Mh.*, **1982** (9), fig. 1.5-6). *Disulcinoides* Schallreuter, 1982 differs by having a long and sigmoidal S2 and a crista parallel to the posterior margin of the valve (*loc. cit.*, fig. 1.2–4).

Adults of *Scrobisylthis* have a dimorphic velum and a more or less distinct, torus-like, essentially non-dimorphic histial ridge ending posteriorly as a weak spine. Such a distinct histium is rare among unisulcate Sylthinae (Tetradellidae); it indicates that *Scrobisylthis* probably had its origin in quadrilobate forms such as *Consonopsis* Schallreuter, 1967.

The Sylthinae are small tetradellids (adults are typically less than 1 mm long), characterized by having a velum which in females forms arc anteriorly closed, admarginal botulate antrum. A non-dimorphic histium may be present, forming a ridge-like bend near the velum in some taxa (*Scrobisylthis*), or together with a rudimentary L4 forming a crista in posterior part of the valve (*Disulcinoides*), or is fused totally with the velum to form a histiovelum (*Sylthis*). A non-dimorphic histium is also present in the

Explanation of Plate 24, 26

Figs. 1-5, ♀ RV (**AGH G159-1**, 618 µm long): fig. 1, ext. lat.; fig. 2, ext. ant.; fig. 3, ext. dors.; fig. 4, ext. vent. obl.; fig. 5, lat. detail of reticulation. Figs. 6–8, ♀ RV (**AGH G159-2**, 655 µm long): fig. 6, ext. lat.; fig. 7, ext. post.; fig. 8, lat. detail of reticulation.
Scale A (100 µm; ×115), figs. 1, 4, 6; scale B (100 µm; ×95), figs. 2, 3, 7; scale C (25 µm; ×335), figs. 5, 8.

tetradellines; some of their quadrilobate or rudimentary quadrilobate members, for example *Consonopsis*, possibly more appropriately belong in the Sylthinae.

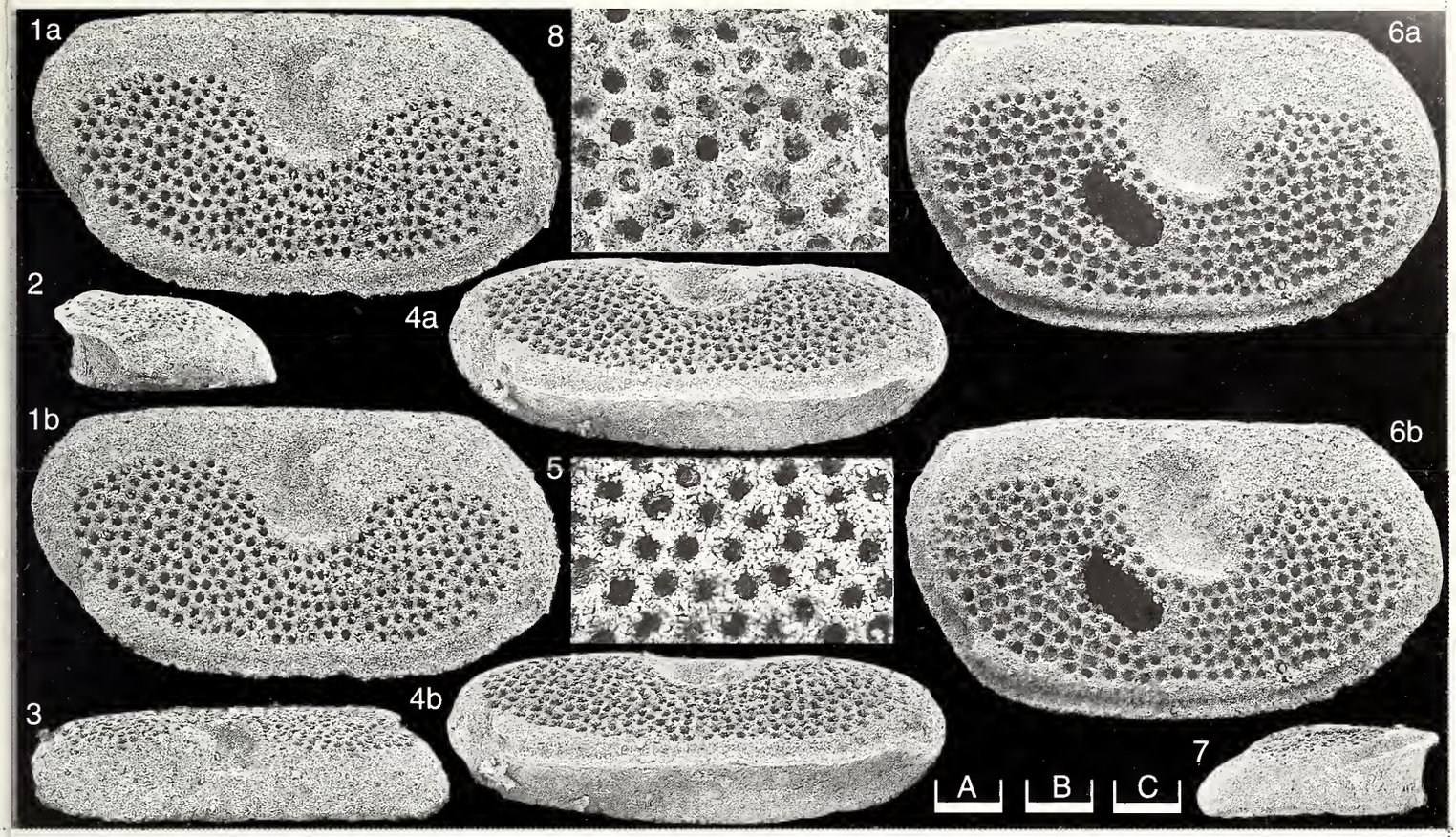
Scrobisylthis reticulatus (Sarv, 1959)

1959 *Sigmobolbina quanta* var. *reticulata* sp. et var. n. L.I. Sarv, *Eesti NSV Teaduste Akad. Geol. Inst. Uurimused*, **4**, 132, 193, table 2 (189), pl. 23, figs. 20, 21.
1962 *Sigmobolbina quanta* var. *reticulata* Sarv, 1959; S.A. Levinson, *Micropaleo.*, **8** (1), 100.
1970 *Hesslandella auricularis reticulata* (Sarv); A. Roomusoks, *Stratigrafija viruskoj i char'yuskoj serij (ordovik) Severnoj Estonii*, **1**, table 13 (246).
1974 *Sigmobolbina quanta reticulata*; V. Nestor, *Cat. paleont. Coll.*, 76
1976 *Henningsmoenia ? reticulata* (Sarv); V. Jaanusson, *in* M.G. Bassett (ed.), *The Ordovician System: proc. Palaeo. Assoc. symp. Birmingham*, figs. 10A, 11 (faunal logs).
1982 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *N. Jb. Geol. Palāo. Abh.*, **1982** (9), 553, 554, 557, fig.1.1.
1983 *Scrobisylthis reticularis* (Sarv, 1959); R.E.L. Schallreuter, *Palaeontographica A*, **180** (4/6), 161, 162, pl. 28 (14), fig. 4.
1984 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *N. Jb. Geol. Paläo. Mh.*, **1984** (1), 34.
1984 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *N. Jb. Geol. Palāo. Abh.*, **169** (1), 7, 8.
1985 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *Fossilien von Sylt*, **1**, pl. 3 (87), fig.3.
1986-7 *Scrobisylthis reticulatus* (Sarv, 1959A) of Schallreuter 1982A; *Sigmobolbina quanta reticulata of Sarv*, 1959A; *Sigmobolbina reticulata* (Sarv, 1959A) of Schallreuter 1982A; E.K. Kempf, *Geol. Inst. Univ. Köln Sonderveroeff.*, **50**, 684, 694; **51**, 502, 487, 501; **52**, 730, 353.
1987 *Scrobisylthis reticuesatus* (Sarv, 1959), *Scobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *N. Jb. Geol. Palāo. Abh.*, **174** (1): 25, table 1 (26).
1988 *Scrobisylthis reticulatus* (Sarv); L. Polma *et al.*, *Lithology and fauna of the Caradoc Series type sections in North Estonia*, 43, 44, 61, figs. 9, 19, 26, 27 (faunal logs).
1990 *Scrobisylthis reticulatus* (Sarv, 1959); V.A. Ivanova *in* A.F. Abushik *et al.*, *Prakticheskoe rukovodstvo po mikrofaune SSSR*, 4, 71, 236, pl. 12, fig. 3.
1990 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *Fossilien von Sylt*, **3**, 255, tables 2-4.
1993 *Scrobisylthis reticulatus* (Sarv, 1959); R.E.L. Schallreuter, *Geol. Paläo. Westfalen*, **27**, 45.
1996 *Scrobisylthis reticulatus* (Sarv, 1959); T. Meidla, *Late Ordovician Ostracodes of Estonia*, 73, fig. 7 (faunal log), table 9 (206), pl. 13, fig. 9.

Holotype: Institute of Geology, Tallinn, Estonia, no. **Os 2290**; female (?) left valve.
Type locality: Alliku, Estonia; Johvi "stage" (D1), Caradoc Series, Ordovician.
Diagnosis: As for genus, which is currently monotypic.
Figured specimens: Archiv für Geschiebekunde, Geologisch-Paläontologisches Institut und Museum, University of Hamburg (AGH), Germany, nos. **G159-1** (♀ LV: Pl. **24**, 26, figs. 1–5), **G159-2** (♀ RV: Pl. **24**, 26, figs. 6–8), **G159-3** (juv. LV: Pl. **24**, 28, figs. 1–3), **G159-4** (juv. LV: Pl. **24**, 32, fig. 6), **G159-5** (♂ LV: Pl. **24**, 30, figs. 1–3), **G159-6** (juv. LV: Pl. **24**, 30, fig. 4), **G159-7** (♀ LV: Pl. **24**, 32, figs. 1-4), **G159-8** (juv. car.: Pl. **24**, 30, fig. 5; Pl. **24**, 32, fig. 5) and **G159-9** (♀ RV: Pl. **24**, 28, figs. 4–8).

Explanation of Plate 24, 28

Figs. 1–3, juv. LV (**AGH G159-3**, 543 µm long): fig. 1, ext. lat.; fig. 2, ext. vent.; fig. 3, lat. detail of reticulation. Figs. 4–8, ♀ RV (**AGH G159-9**, 659 µm long): fig. 4, ext. lat.; fig. 5, ext. vent. obl.; fig. 6, ext. ant.; fig. 7, ext. post. obl.; fig. 8, lat. detail of reticulation.
Scale A (50 µm; ×145), fig. 1; scale B (100 µm; ×115), fig. 2; scale C (25 µm; ×480), fig. 3; scale D (100 µm; ×110), fig. 4; scale E (100 µm; ×105), fig. 5; scale F (100 µm; ×95), fig. 6; scale G (100 µm; ×80), fig. 7; scale H (25 µm; ×350), fig. 8.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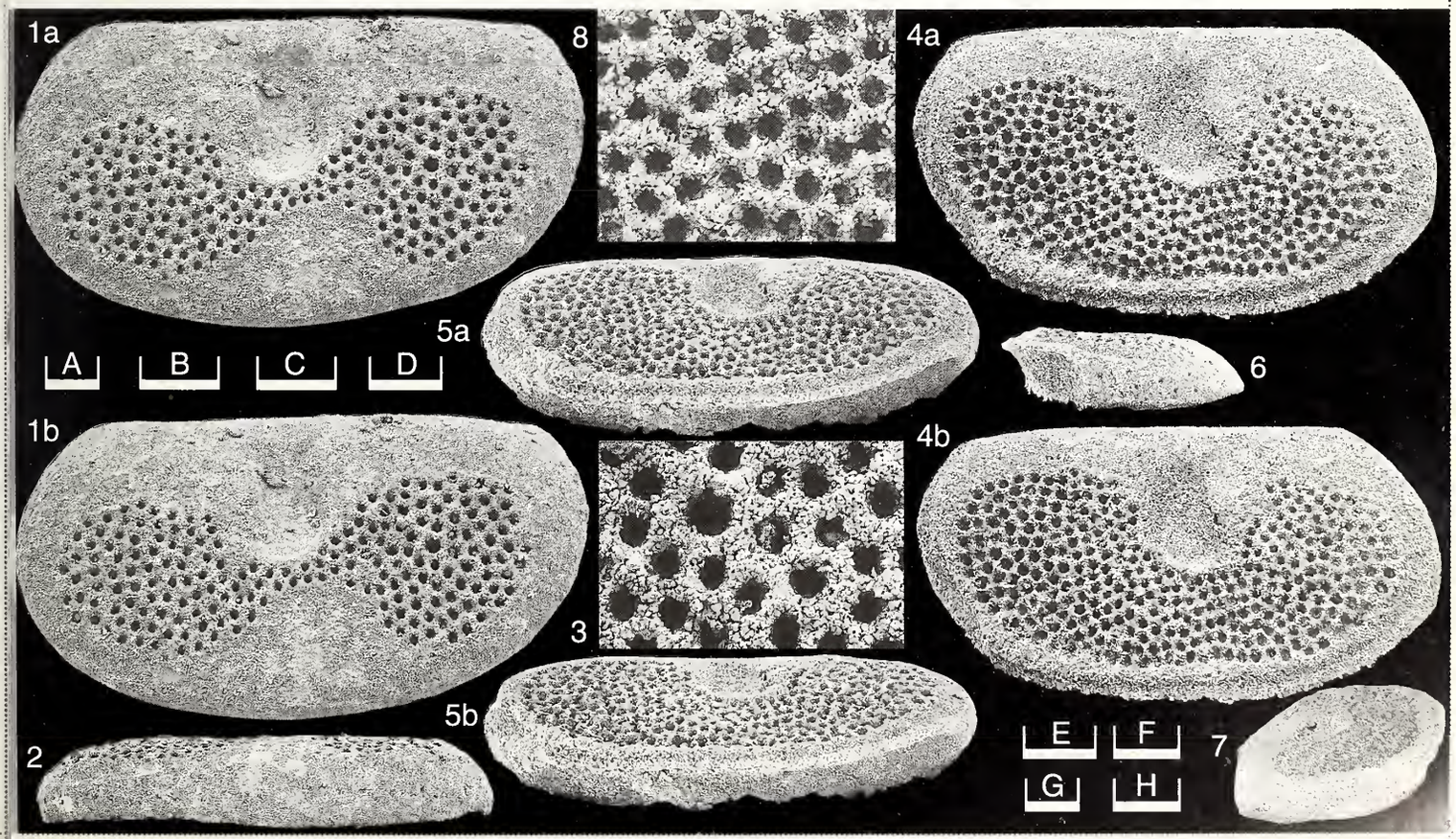
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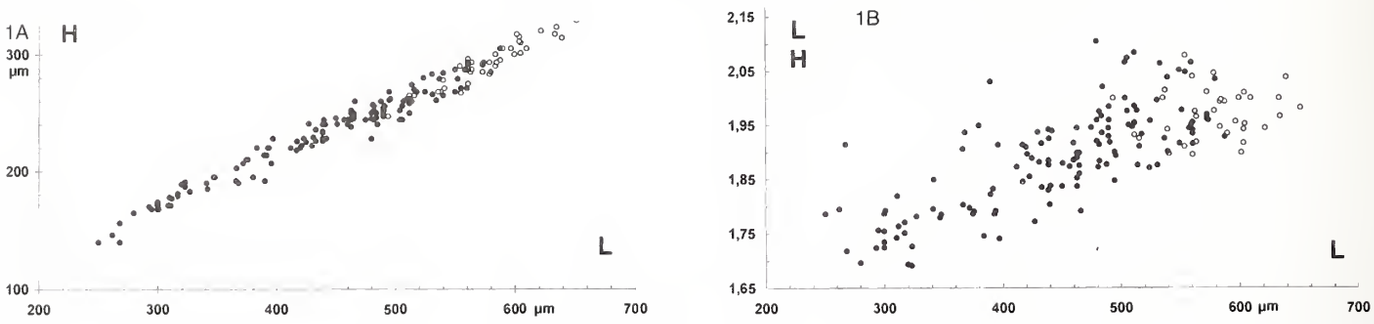


Text-fig.1. Ontogeny of *Scrobisylthis reticulatus*. A, length:height (L:H) diagram; B, length:shape (gestalt; L:H ratio) diagram. Based on 172 valves (including 35 females and 70 left valves) from 15 erratic boulders ("geschiebes") from the Isle of Sylt , N Sea. Open circles: females; tecnomorphs: dots. The domicilium is measured from its inner side to the inner side of the contact margin or hinge margin respectively.

Explanation of Plate 24, 30

Figs. 1–3, ♀ LV (**AGH G159-5**, 618 µm long): fig. 1, ext. lat.; fig. 2, ext. vent. obl.; fig. 3, ext. dors. obl. Fig. 4, juv. LV, ext. lat. (**AGH G159-6**, 420 µm long). Fig. 5, juv. car., ext. vent. (**AGH G159-8, 470** µm long).

Scale A (100 µm; ×130), figs. 1, 2, 4; scale B (100 µm; ×95), fig. 3; scale C (100 µm; ×145), fig. 5.

The figured specimens are from upper Viruan Hornstein geschiebes (erratic boulders), Isle of Sylt (approximately lat. 54° 46′ N, long. 8° 18′ E), Germany; Johvi "stage" [D1] or Keila "stage" [D2]); Caradoc Series. **G159-1** is from geschiebe no. Sy-52 (D1); **G159-3** is from geschiebe Sy-68 (D1); **G159-9** is from geschiebe Sy-55 (D1); all the others are from geschiebe Sy-108 (D2). The valves are silicified, and have been recovered using dilute HF.

Remarks: The area of reticulation and the number of luminae it contains increase during ontogeny (see Pl. **24**, 26, fig. 1, Pl. **24**, 28, fig. 1, Pl. **24**, 30, fig. 4, and Pl. **24**, 32, fig. 6). This reticulation may represent ornament related to cell development, as in examples described from post-Palaeozoic ostracodes by Liebau (for example, *Geol. Paläo. Westfalen*, **13**, 1991). In those cases every lumen of the reticulation is underlain by an epidermal cell, which multiply in numbers during ontogeny.

If the largest tecnomorphs of *S. reticulatus* are adults (Text-fig. 1A), then females of the species are larger than the males. During the ontogeny of *S. reticulatus* its shape (gestalt, L:H ratio) becomes more elongate (Text-fig. 1B).

The present material (~300 specimens), from erratic boulders from the Kaolinsand of the Isle of Sylt, is characterized by relatively small size valves. The females (35 valves measured) reach only a length of 0.66 mm whereas the type specimens are at least 0.94 mm long. Furthermore, the only specimen known from a Backsteinkalk geschiebe, a tecnomorphic valve, is also larger than the Sylt material (Schallreuter, 1983, *op. cit.*, 162). The size difference of the Sylt material probably reflects its separate geographical region of origin, and one which was nearer to a former coastline; this very probably was a region N of Estonia and one formerly covered by Ordovician beds.

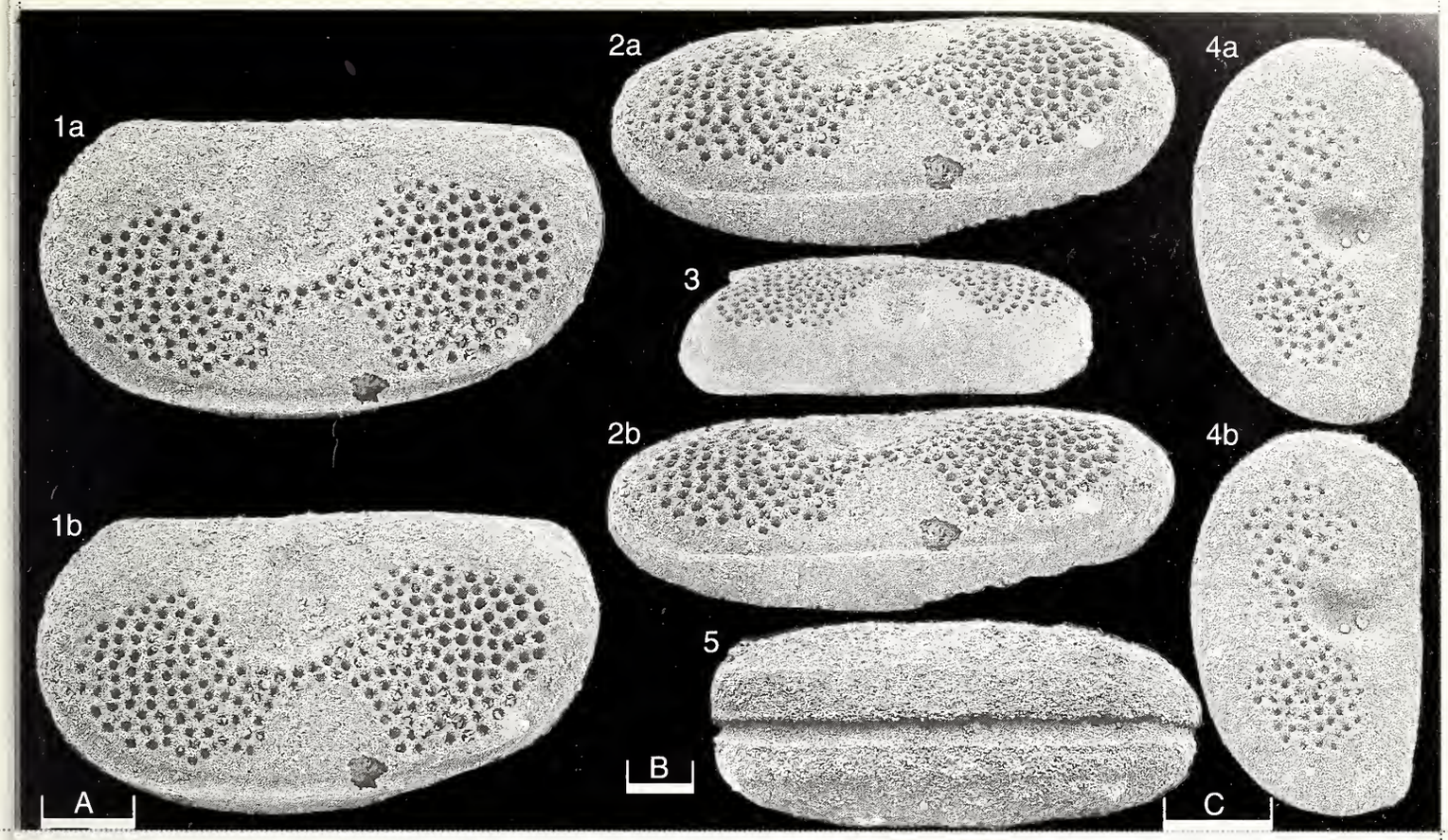
Distribution: Currently known only from the Ordovician of Estonia and geschiebes from northern Germany.

In Estonia the species is rather rare: Sarv (1959) notes only 21 specimens from the Johvi "stage" (D1) at Alliku, and Meidla records (1996) only 12 specimens from the Johvi to Oandu "stages" (D3) of the Orjaku core and outcrops of Saku and Ussimägi. Polma *et al.* (1988) mention that the species is rare in the D1 horizon of some borehole cores in N Estonia (Tatruse, Niitvälja, Keila and Rummu), and is also known from the lower D2 horizon at Rummu. In contrast, the species is rather common in geschiebes of Johvi and Keila (D2) age from the Isle of Sylt (Schallreuter, 1990). It is also recorded from geschiebes from near Ahlintel, Westphalia (Schallreuter, 1993). On the other hand, *S. reticulatus* has not been found in the S Baltic (e.g. see Sidaraviciene 1992, 1996). This fact also endorses the notion that the Sylt geschiebes originate from a region further to the north or northeast of Estonia, such as the southern Bothnia area of Finland.

Explanation of Plate 24, 32

Figs. 1–4, ♀ LV (**AGH G159-7**, 610 µm long): fig. 1, ext. lat.; fig. 2, ext. vent. obl.; fig. 3, ext. post.; fig. 4, ext. ant. Fig. 5, juv. car., ext. vent. (**AGH G159-8**). Fig. 6, juv. LV, ext. lat. (**AGH G159-4**, 333 µm long).

Scale A (100 µm; ×155), figs. 1, 6; scale B (100 µm; ×120), figs. 2–4; scale C (100 µm; ×145), fig. 5.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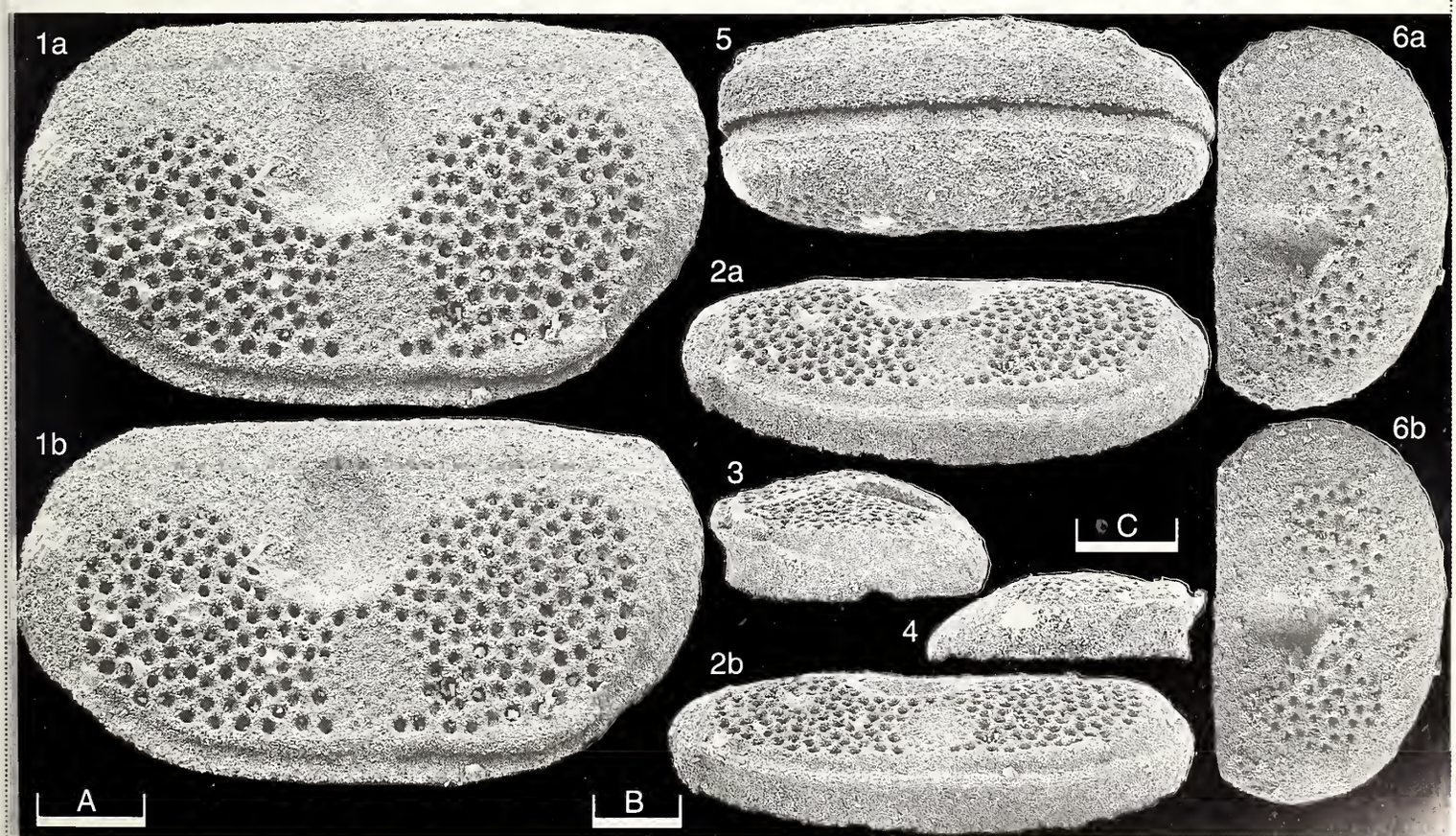
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ON *KIRKBYRHIZA RETIFERA* (ROTH)

by Gerhard Becker, Lee E. Petersen & Robert F. Lundin
(Senckenberg Museum, Frankfurt am Main, Germany;
Anardako Petroleum Corp., Houston, U.S.A.; & Arizona State University, Tempe, U.S.A.)

Kirkbyrhiza retifera (Roth, 1929)

1929 *Amphissites retiferus* sp. nov. R. Roth, *J. Paleontol.*, **3**, 348, pl. 36, fig. 11a.
1935 *Amphissites retiferus* Roth; C.W. Wilson, *J. Paleontol.*, **9**, 638.
1935 *Amphissites primaevus* Roth; C.W. Wilson, *J. Paleontol.*, **9**, 638.
1961 *Reticestus? retiferus* (Roth); I.G. Sohn, *Prof. Pap. U. S. geol. Surv.*, **330-B**, 140, pl. 9, figs. 49–51.
1968 *Reticestus? retiferus* (Roth); R.F. Lundin, *Bull. Okla. geol. Surv.*, **108**, 47, 48, pl. 5, figs.4a–h.
1972 *Reticestus retiferus* (Roth); L.E. Petersen, *Unpubl. M.S. thesis, Arizona State Univ.*, 74–78, pl. 3, figs. 8–11.
1992 *Reticestus retiferus* (Roth); L.E. Petersen & R.F. Lundin, *Bull. Okla. geol. Surv.*, **145**, pl. 2, fig. 14.
1995 *Kirkbyrhiza retifera* (Roth); G. Becker, L.E. Petersen & R.F. Lundin, *N. Jb. Geol. Palaeont., Abh.*, **198** (3), 427–428, fig. 11.

Holotype: United States National Museum of Natural History, Washington (**USNM**) no. **80659H**; right valve. This specimen was illustrated by Roth (1929, *op. cit.*, pl. 36, fig. 11a) and Sohn (1961, op. cit., pl. 9, figs. 49–51).

Type locality: "White Mound," Section M4 of Lundin (1968, *op. cit.*, 19); Murray County, Oklahoma, U.S.A.; approximately lat. 34° 32′ N, long. 97° 01′ W; Haragan Formation, early Early Devonian (Lochkovian).

Explanation of Plate 24, 34

Figs. 1, 2, adult RV (**X-269**, 1066 µm long): fig. 1, ext. lat.; fig. 2, vent. Fig. 3, adult car., ext. lt. lat. (**X-166**, 957 µm long). Figs. 4, 5, adult LV (**X-272**, 1041 µm long): fig. 4, vent.; fig. 5, ext. lat.
Scale A (300 µm; ×45), figs. 1, 2; scale B (300 µm; ×50), fig. 3; scale C (300 µm; ×46), figs. 4, 5.

Figured specimens: Department of Geology, Arizona State University (**ASU**), nos. **X-166** (car.: Pl. **24**, 34, fig. 3; Pl. **24**, 38, fig. 3), **X-268** (car.: Pl. **24**, 38, figs. 1, 5), **X-269** (RV: Pl. **24**, 34, figs. 1, 2; Pl. **24**, 38, fig. 2), **X-270** (RV: Pl. **24**, 36, figs. 3–5), **X-271** (RV: Pl. **24**, 36, figs. 1, 2), **X-272** (LV: Pl. **24**, 34, figs. 4, 5), **X-273** (RV: Pl. **24**, 40, figs. 1–3), **X-274** (LV: Pl. **24**, 40, figs. 4, 5), **X-275** (LV: Pl. **24**, 38, fig. 4).

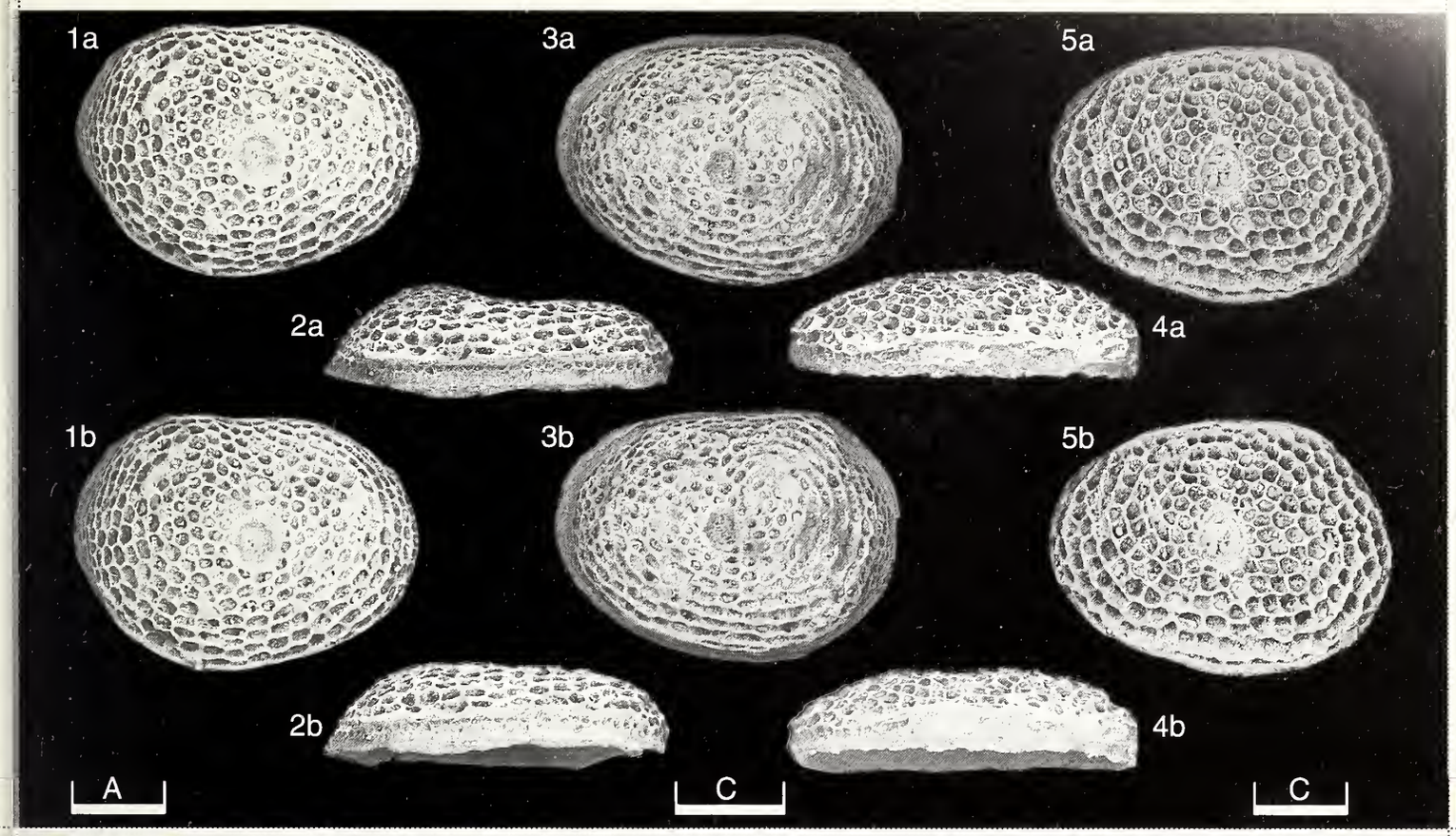
ASU X-271 is from sample R1-4, **X-269** is from sample R1-6, **X-166** is from sample R1-11, and **X-272** and **X-274** are from sample R1-19; all from section R1, Rockport Quadrangle, Benton County, Tennessee, U.S.A.; lat. 35° 55′ 15″ N, long. 88° 07′ 15″ W. **ASU X-275** is from sample R4-1; at section R4, Rockport Quadrangle, Benton County, Tennessee, U.S.A.; lat. 35° 55′ 20″ N, long. 88° 05′ 15″ W. **ASU X-273** is from sample J5a-11; at section J5, Jeannette Quadrangle, Decatur County, Tennessee, U.S.A.; lat. 35° 41′ N, long. 88° 06′ W. **ASU X-268** and **X-270** are from sample J7-8; at section J7, Jeannette Quadrangle, Decatur County, Tennessee, U.S.A.; lat. 35° 39′ 30″ N, long. 88° 05′ 30″ W. All specimens are from the Birdsong Formation, lowermost Early Devonian (Lochkovian).

Diagnosis: *Kirkbyrhiza* species with obsolete sulcal depression; lateral lobes, if developed, diffuse. Dorsal surface epicline. Admarginal carina (outer carina) narrow, delicate, best developed ventrally; very fine marginal ridge on both valves. Valves subequal; right valve with contact groove, slightly larger than left; hinge structure straight, not known in detail (probably anterior cardinal projection in left valve). Adductor muscle pit distinct, bordered, located subcentrally; corresponding adductorial boss on interior surface prominent. Valve surface reticulate, with small to large pits, generally arranged in rows concentric around the adductorial pit, but more closely spaced in dorsomedian area.

Remarks: In the closely related *Kirkbyrhiza primaeva* (Roth, 1929), from the late Silurian (Ludlow-Prídolí series) of south-central Oklahoma and western Tennessee, the sulcal depression is distinct and two, more-or-less conspicuous lateral lobes are developed near the sulcal depression (Becker, G. & Lundin, R.F., *Stereo-Atlas*

Explanation of Plate 24, 36

Figs. 1, 2, adult RV (**X-271**, 1226 µm long): fig. 1, ext. lat.; fig. 2, vent. Figs. 3–5, adult RV (**X-270,** 1026 µm long): fig. 3, ext. lat.; fig. 4, dors; fig. 5, int. lat.
Scale A (300 µm; ×39), figs. 1, 2; scale B (300 µm; ×47), figs. 3–5.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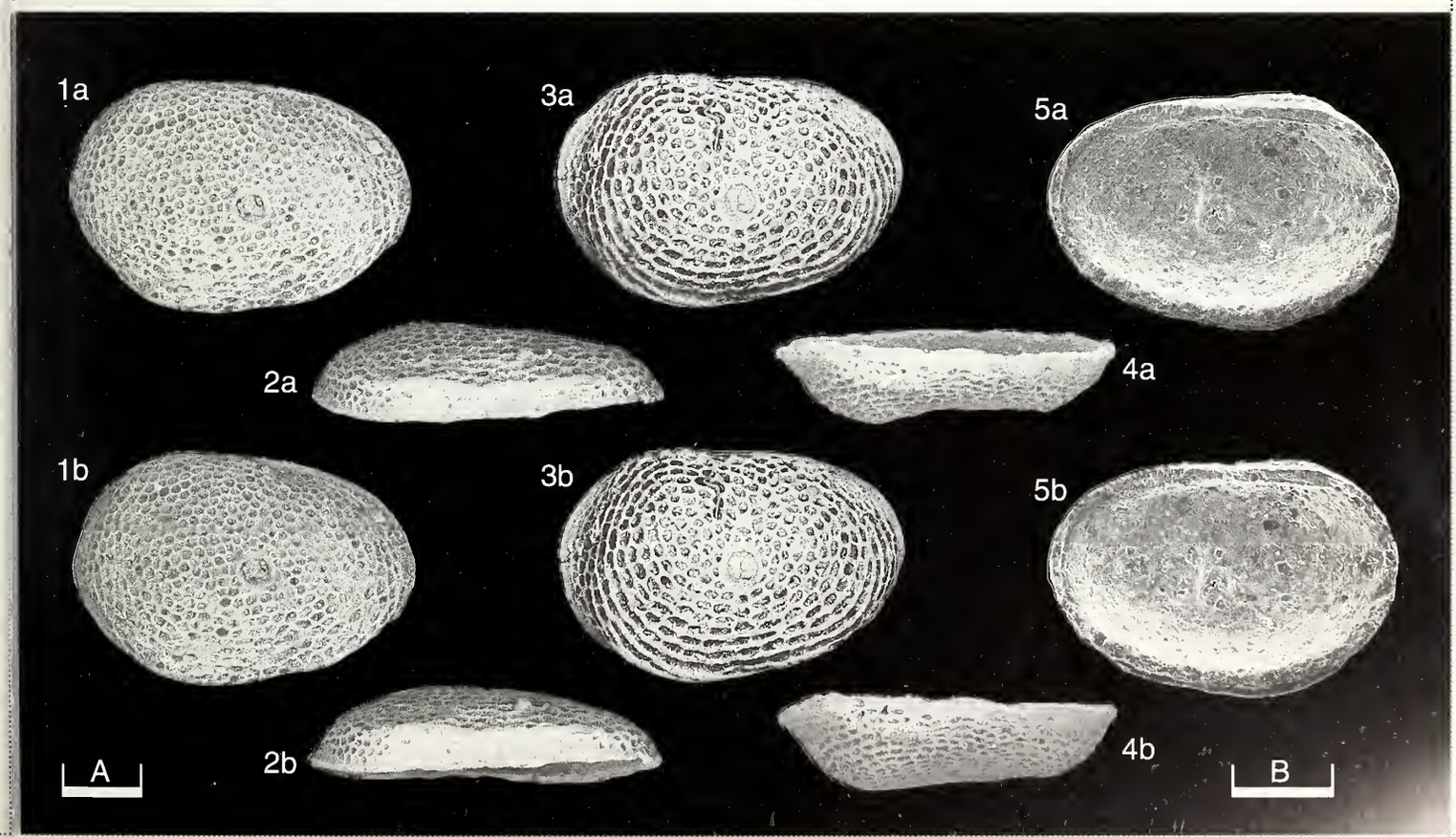
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Ostracod Shells, **22**, 96–103, 1995). Furthermore, the reticula are arranged in dorsoventral rows roughly parallelling the free margin. In *Kirkbyrhiza retifera*, the sulcal depression has become obsolete; surface convexity and ornamentation, however, are variable. Lateral lobes are either obscured or, if developed, the posterior lobe is more conspicuous. The question whether this variability reflects a kind of domiciliar dimorphism is not in consideration with the Superfamily Kirkbyacea. Surface ornamentation is also highly variable, varying from small to large reticula, generally arranged in rows concentric around the adductorial pit. By means of these characters, the obsolete lobation and the concentric surface ornament, *K. retifera* is clearly distinguished from the older, markedly primitive *K. primaeva* which is considered to be the late Silurian precursor.

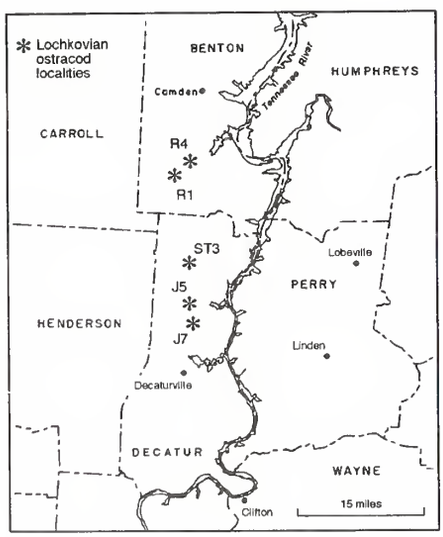
Amphissites planus Wilson, 1935, from the early Early Devonian of western Tennessee, is here considered to be a distinct species which belongs to *Kirkbyrhiza* Becker & Lundin, 1995 and not to *Reticestus* Kesling & Weiss (*Contr. Mus. Paleont., Univ. Mich.*, **11** [3], 52, 1953) as suggested by Sohn (*op. cit.*, 140, 1961), Lundin & Petersen (*J. Paleont.*, **48**, pl. 1, fig. 9, 1974) and Petersen & Lundin (*op. cit.*, pl. 2, fig. 13, 1992). This generic placement is based on the presence of a delicate admarginal carina (outer carina) observed on unpublished material from the Tennessee River valley of western Tennessee (see Text-fig. 1). *Reticestus* has, instead, a smooth rounded bend. *K. plana* is distinguished from *K. retifera* by its generally coarser reticula and in having the surfaces of both valves flat and parallel to each other (see Wilson, *op. cit.*, 639, 1935, and Petersen, *op. cit.*, 79, 1972). Variation in these characters has, however, produced a relatively few specimens which are morphologically intermediate between *K. retifera* and *K. plana*.

Distribution: *K. retifera* is known from lowermost Early Devonian (Lochkovian) strata of south-central Oklahoma (Haragan Formation) and western Tennessee (Birdsong Formation), and is, like *K. primaeva*, probably endemic to the North American Midcontinent region. *Kirkbyrhiza* species are considered to be neritic, and characteristic of shallow-water environments below wave base.

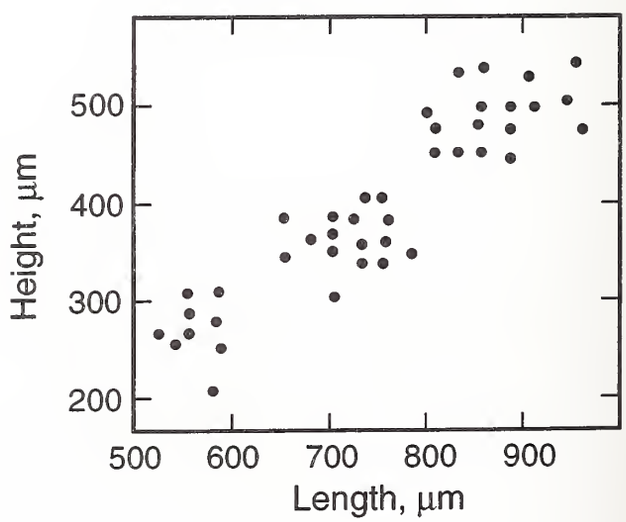
Explanation of Plate 24, 38

Figs. 1, 5, adult car. (**X-268**, 1021 µm long): fig. 1, dors.; fig. 5, vent. Fig. 2, adult RV, dors. (**X-269**, 1066 µm long). Fig. 3, adult car., vent. (**X-166**, 957 µm long). Fig. 4, LV, vent. (**X-275**, 922 µm long).

Scale A (300 µm; ×47), figs. 1, 5; scale B (300 µm; ×45), fig 2; scale C (300 µm; ×50), fig. 3; scale D (300 µm; ×51), fig. 4.



Text-fig. 1. Ostracod localities, referred to in the text, in the Early Devonian (Lochkovian) Birdsong Formation in the Tennessee River valley of western Tennessee, U.S.A. (after Petersen & Lundin 1992, *op. cit.*, text-fig. 1).

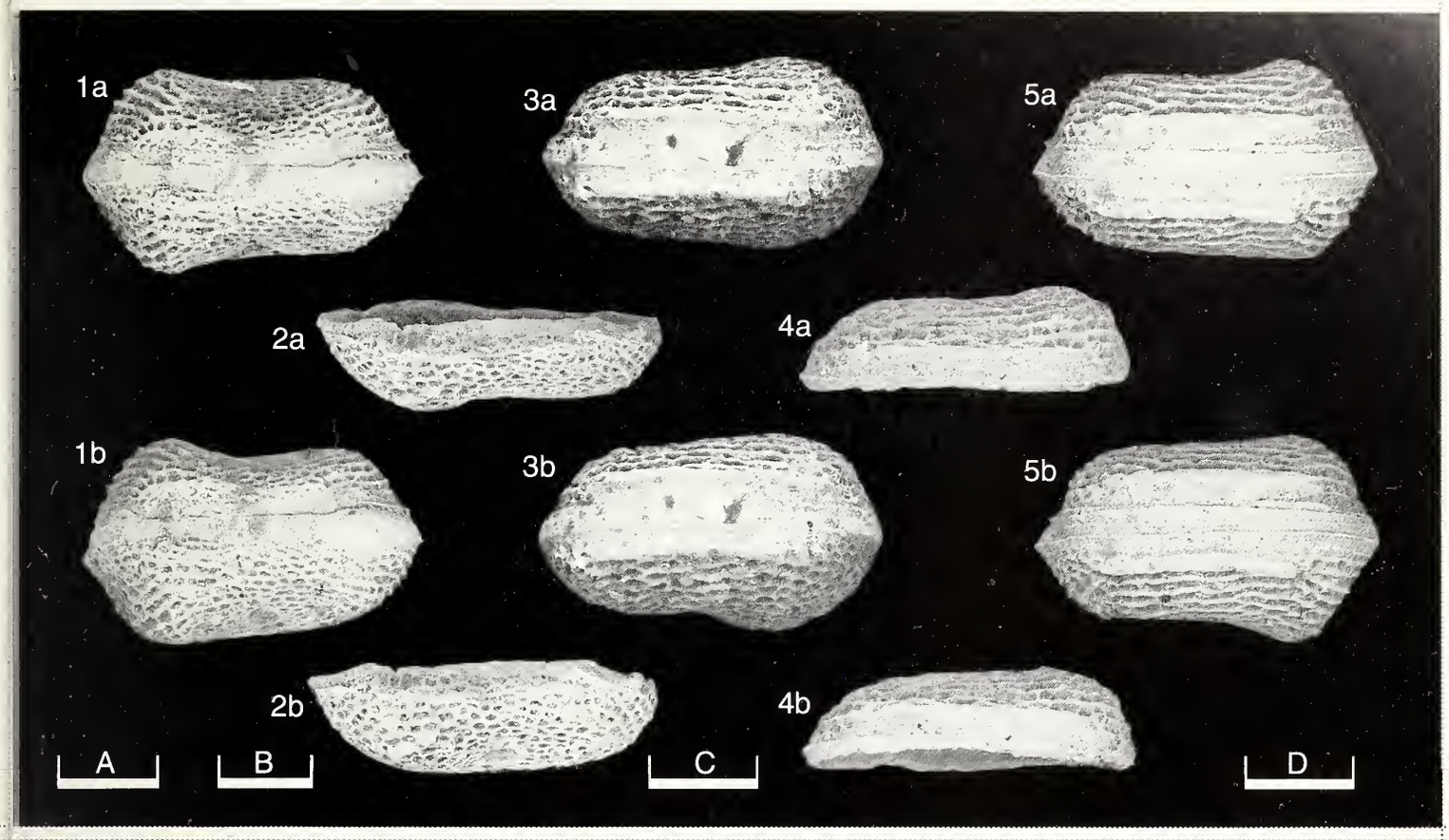


Text-fig. 2. Size dispersion of *Kirkbyrhiza retifera* from sample ST3-9 (see Text-fig. 1), Early Devonian (Lochkovian) Birdsong Formation, Tennessee, U.S.A.

Explanation of Plate 24, 40

Figs. 1–3, adult RV (**X-273**, 937 µm long): fig. 1, ext. lat.; fig. 2, vent.; fig. 3, int. lat. Figs. 4, 5, adult LV (**X-274**, 1049 µm long): fig. 4, vent.; fig. 5, int. lat.

Scale A (300 µm; ×51), figs. 1–3; scale B (300 µm; ×46), figs. 4, 5.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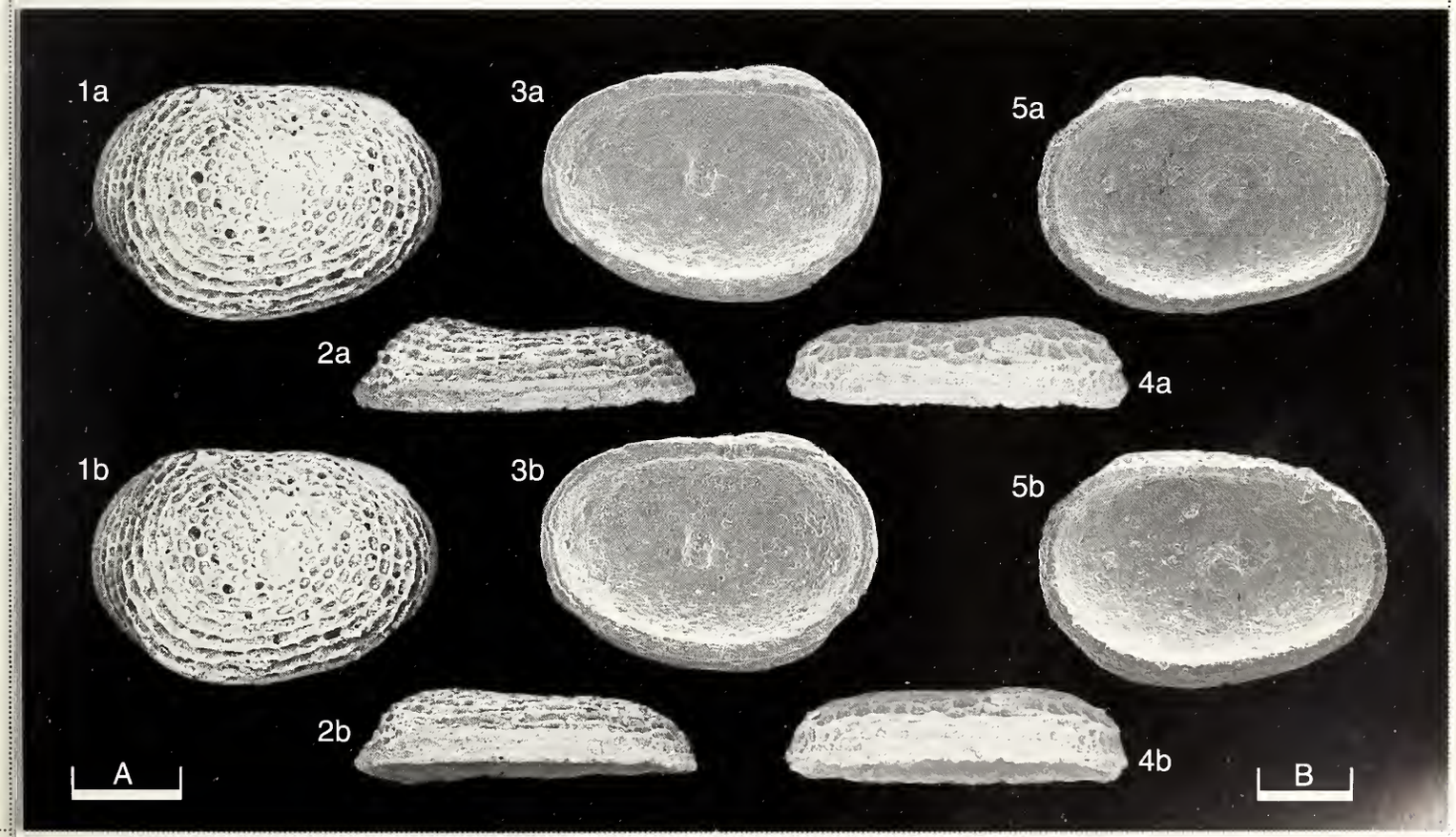
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General Index

Ayress, M., On *Cytheropteron crassiscutum* Ayress sp. nov.; 1–4

Becker, G., Petersen, L.E. & Lundin, R.F. On *Kirkbyrhiza retifera* (Roth); 33–40

crassiscutum, Cytheropteron; 1–4
Cythere hanaii Tsukagoshi & Ikeya; 5–12
Cytheropteron crassiscutum Ayress sp.nov.; 1–4

elliptica, Severobolbina; 17–24
ema, Eodominina; 13–16
Eodominina ema Schallreuter sp.nov.; 13–16

hanaii, Cythere; 5–12

Kirkbyrhiza retifera (Roth); 33–40

Lundin, R.F., Becker, G. & Petersen. L.E. On *Kirkbyrhiza retifera* (Roth); 33–40

Petersen, L.E., Becker, G. & Lundin, R.F. On *Kirkbyrhiza retifera* (Roth); 33–40

reticulatus, Scrobisylthis; 25–32
retifera, Kirkbyrhiza; 33–40

Schallreuter, R.E.L., On *Eodominina ema* sp. nov.; 13–16
Schallreuter, R.E.L., On *Scrobisylthis reticulatus* (Sarv); 25–32
Schallreuter, R.E.L., On *Severobolbina elliptica* (Steusloff); 17–24
Scrobisylthis reticulatus (Sarv); 25–32
Severobolbina elliptica (Steusloff); 17–24

Tsukagoshi, A. On *Cythere hanaii* Tsukagoshi & Ikeya; 5–12

Index; Geological Horizon

See **1** (1) 5–22 **(1973)** for explanation of the Schedules in the Universal Decimal Classification

119.9 Recent:
Cythere hanaii; 5–12
118.21 Miocene:
Cytheropteron crassiscutum; 1–4
113.4 Devonian:
Kirkbyrhiza retifera; 33–40
Scrobisylthis reticulatus; 25–32
113.31 Ordovician:
Severobolbina elliptica; 17–24
13.311 Lower Ordovician:
Eodominina ema; 13–16

Index; Geographical Location

See **1** (1) 5–22 **(1973)** for explanation of the Schedules in the Universal Decimal Classification

520 Japan:
Cythere hanaii; 5–12
265.7 Pacific Ocean:
Cytheropteron crassiscutum; 1–4
941 Western Australia:
Eodominina ema; 13–16
768 Tennessee:
Kirkbyrhiza retifera; 33–40
430 Germany:
Scrobisylthis reticulatus; 25–32
485 Sweden:
Severobolbina elliptica; 17–24

Stereo-Atlas of Ostracod Shells: Vol. 24, Parts 1 and 2

CONTENTS

24 (1)	1–4	On *Cytheropteron crassiscutum* Ayress sp. nov.; by M. Ayress.
24 (2)	5–12	On *Cythere hanaii* Tsukagoshi & Ikeya; by A. Tsukagoshi.
24 (3)	13–16	On *Eodominina ema* Schallreuter sp. nov.; by R.E.L Schallreuter.
24 (4)	17–24	On *Severobolbina elliptica* (Steusloff); by R.E.L. Schallreuter.
24 (5)	26–33	On *Scrobisylthis reticulatus* (Sarv); by R.E.L. Schallreuter.
24 (6)	34–40	On *Kirkbyrhiza retifera* (Roth); by G. Becker, L.E. Petersen & R.F. Lundin.
24 (7)	41–42	Index for volume **24** (1998 for 1997)

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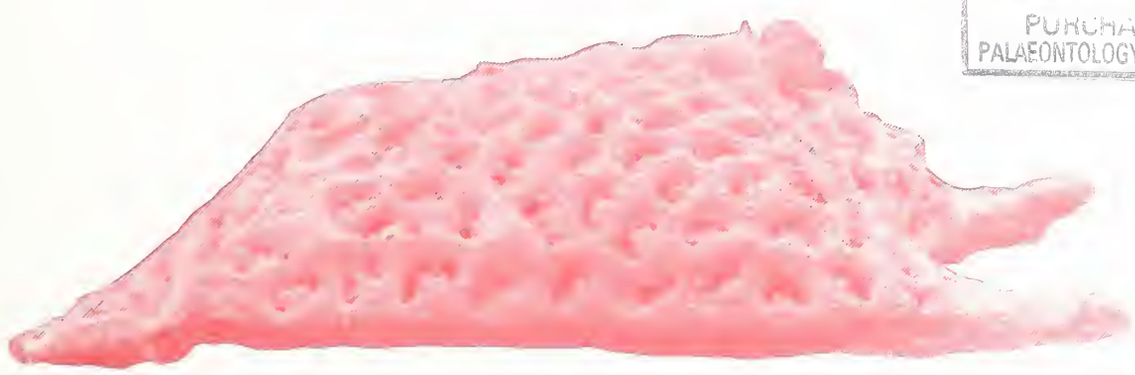
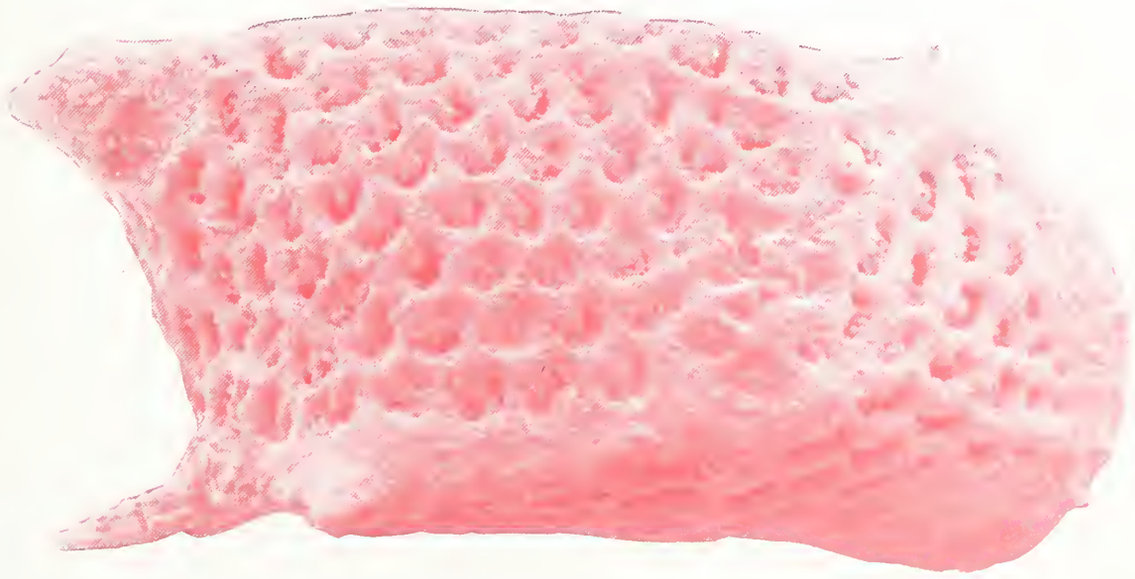


Volume 25, Parts 1 and 2; 1998



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Contributions illustrated by scanning electron micrographs of Ostracoda in stereo-pairs are invited. All contributions submitted for possible publication in *A Stereo-Atlas of Ostracod Shells* are peer-reviewed by an appropriate international specialist. "Instructions to Authors" and plate blanks for mounting micrographs may be obtained from Dr Ian Boomer at the address above.

Manuscripts should be submitted with a copy of the text on disc in **MS Word 6** for Windows (PC) or **Rich Text Format** (RTF).

The editors wish to thank Dr Eugene Kempf (University of Köln) for his assistance in preparing this issue.

The front cover shows the holotype (RV, NHM no. **OS 14850**, upper, dorsal view and lower, external lateral view) of *Hemiparacytheridea larwoodi* Boomer, 1996 from the Oligocene of ODP Site 865B, Central Pacific Ocean. This species was described in *A Stereo-Atlas of Ostracod Shells,* **22**, 116-119.

A Stereo-Atlas of Ostracod Shells

edited by I. Boomer, D. J. Horne, A. R. Lord and D. J. Siveter

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Contents

1	On *Ginginella maudriseensis* sp. nov.; by S. Majoran	1
2	On *Fuscinullina (Fuscinullina) pectinata* Kanygin; by R.E.L. Schallreuter	5
3	On *Callistocythere pumila* Hanai; by A. Tsukagoshi	9
4	On *Darwinula stevensoni* Brady & Robertson; by G. Rosetti, D.J. Horne & K. Martens	17
5	On *Beckerhealdia circumreptata* Blumenstengel; by G. Becker	23
6	On *Egorovellina operosa* Kanygin; by R.E.L. Schallreuter	27
7	On *Bumire pilloides* Schallreuter; by R.E.L. Schallreuter	31
8	On *Muhuaella spinosa* gen. et sp. nov.; by E. Olempska	35
9	On *Editella dawubaensis* gen. et sp. nov.; by E. Olempska	39
10	On *Schizocythere ikeyai* Tsukagoshi & Briggs sp. nov.; by A. Tsukagoshi & W.M. Briggs Jr.	43
11	On *Vania perdita* Krůta & Siveter gen. et sp. nov.; by M. Krůta & D.J. Siveter	53
12	On *Swainocythere minusculum* (Ruggieri) Errata; by I. Boomer & E. Kempf	57
13	Index for volume **25** (for 1998)	58

595.337.1 (116.333.3) (269.4 : 163.003.65) : 551.352

ON *GINGINELLA MAUDRISEENSIS* MAJORAN sp. nov.

by Stefan Majoran
(Department of Marine Geology, Göteborg University, Sweden)

Ginginella maudriseensis sp. nov.

Holotype: Department of Marine Geology, Göteborg University, Sweden, no. **DMGUG.SAtl.29**; RV.

Type locality: Maud Rise, Southern Ocean, Ocean Drilling Program, Leg 113, Hole 689B (64°31.0′S, 03°06.0′E) Core 25, core catcher (0–1 cm); Late Maastrichtian, *Abathomphalus mayaroensis* Zone.

Derivation of name: With reference to the type locality Maud Rise, Southern Ocean.

Figured specimens: Department of Marine Geology, Göteborg University, Sweden, nos **DMGUG.SAtl.28** (adult LV: Pl. **25**, 2, fig. 1), **DMGUG.SAtl.30** (adult RV: Pl. **25**, 2, fig. 2), **DMGUG.SAtl.29** (holotype, adult RV: Pl. **25**, 2, fig. 3), **DMGUG.SAtl.31** (adult RV: Pl. **25**, 4, fig. 1), **DMGUG.SAtl.33** (adult LV: Pl. **25**, 4, fig. 2), **DMGUG.SAtl.32** (adult LV: Pl. **25**, 4, fig. 3). All from Maud Rise. Leg 113, Hole 689B (64°31.0′S, 03°06.0′E); Late Maastrichtian, *Abathomphalus mayaroensis* Zone.

Diagnosis: A species of *Ginginella* with a posterior margin provided with a stout semicircular aspinose ridge. Valve subrectangular to subtrapezoid in lateral view. Greatest height at the anterior cardinal angle from which the dorsal and ventral margins converge slightly towards the posterior. Anterior margin broadly rounded. Posterior margin, as seen in internal view, gently convex along its ventral part where it is continuous with the ventral margin; the posterior extremity is at mid-height; the dorsal part of the posterior margin is subvertical in the left valve, more rounded in the right valve; it forms an angle with the dorsal margin at the posterior cardinal angle. Anterior and posterior margins each furnished with a distinct ridge. In dorsal view, the marginal ridge and valve margin are separated by a furrow which bears minor transverse ridgelets. Postadjacent and adjacent to the antero- and posteromarginal ridges, respectively, there is a moat-like compression of the valve surface. The anterior and posterior ridges are continuous with a common ventral ridge, which shows a protrusion posteroventrally. Dorsally, the anteromarginal ridge is continuous with the dorsal margin.

Explanation of Plate 25, 2

Fig. 1, LV, ext. lat. (holotype, **DMGUG.SAtl.28**, 447μm long). Fig. 2, RV, ext. dors. (**DMGUG.SAtl.30**, 440μm long). Fig. 3, RV, ext. lat. (**DMGUG.SAtl.29**, 441μm long).
Scale A (100 μm; ×160), figs. 1–3.

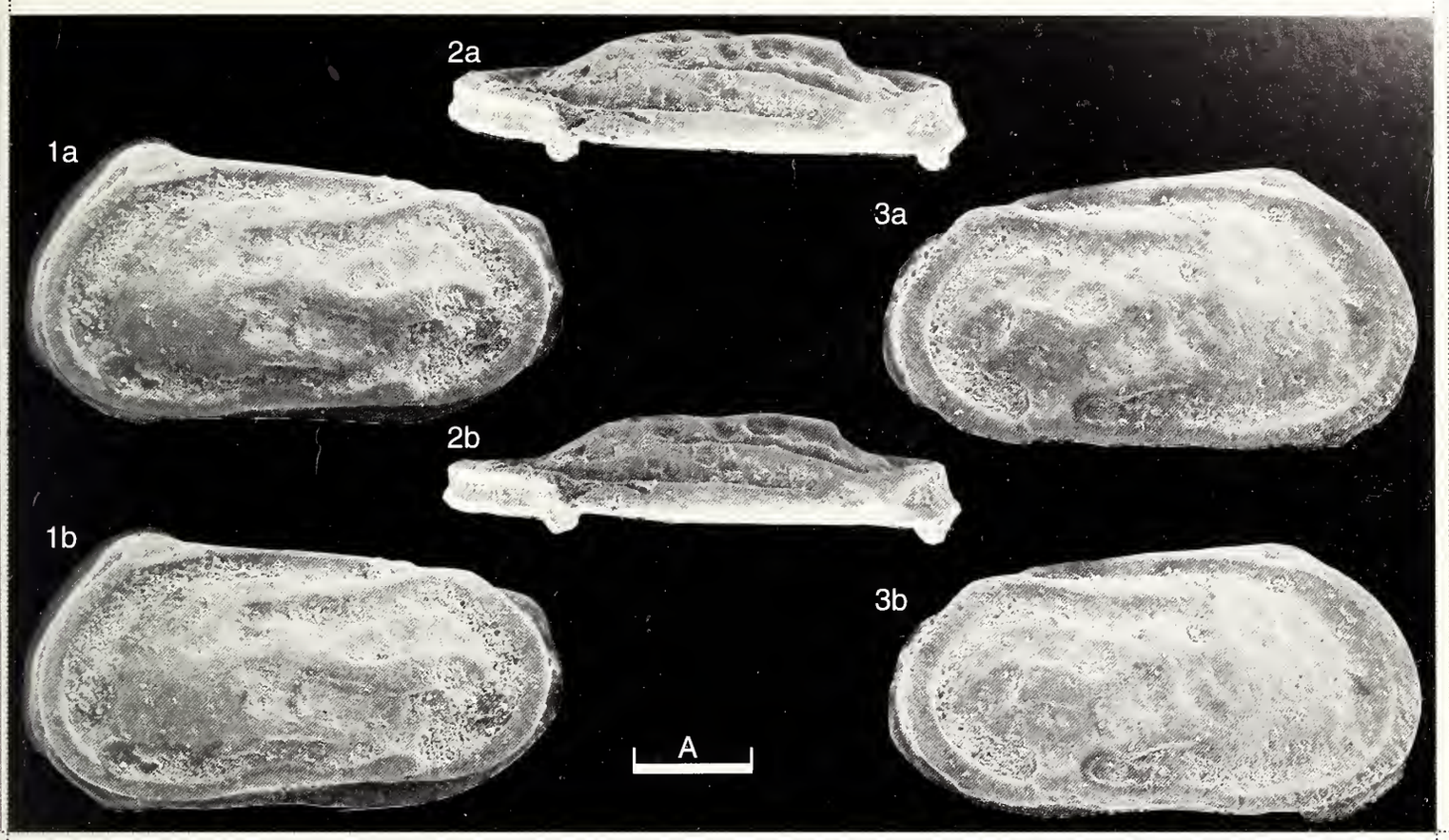
The posteromarginal ridge forms an angular junction of 120° with a distinct dorsomedian ridge at the site of the posterior cardinal angle. Posterior half of the valve below the dorsomedian ridge is irregularly ornamented with rather broad and smooth muri disrupted by cavities which in some specimens contain secondary reticulation and pores. Anteromedian region of the valve surface is generally smooth. Size and outline of inner lamella typical for the genus. Hinge modified merodont, although the characteristic generic crenulation of the median hinge-bar is not clearly visible (possibly as a consequence of suboptimal preservation). Internal muscle-scars not observed.

Remarks: As noted by Neale (*Spec. Pap. Palaeont*, **16**, 41–41, 1975) there is a close relationship between the genus *Ginginella*, (originally described from the Santonian of Western Australia by Neale *op. cit.*, pl. 1, fig. 8, pl. 6, figs. 1–3, 1975) and the genus *Munseyella* Van den Bold (*Micropaleontology*, **3**, 7, 1957). The costate ornamentation of the new species is more characteristic of the genus *Ginginella* than *Munseyella*. The type-species *G. ginginensis* (see J. W. Neale, *op. cit.*; and R. H. Bate, *Spec. Pap. Palaeont*, **10**, 78, pl. 9, figs. 8–13, 1972) differs mainly from the new species in the nature of the interrupted marginal ridge posterodorsally. The occurrence of the present forms at a palaeodepth of 1200 m (E. Thomas, *Proc. Ocean Drill. Prog. (Sci. Res.)*, **113**, 901–914, 1990) where the palaeotemperature was approximately 9°C (L. D. Stott & J. P. Kennett, *Proc. Ocean Drill. Prog. (Sci. Res.)* **113**, 829–848, 1990), is in contrast to the epi-neritic, warm-water preference of the genus *Munseyella* (F. P. C. M. van Morkhoven, *Post-Palaeozoic Ostracoda* **II**, 115–117, figs. 166–171, 1963). The genus *Munseyella* is rare in the South Atlantic; it is more common in the North Americas, Far East and Australasia. Bertels (*Micropaleontology* **19**, 327, pl. 2, figs. 3a–b, 1973; *Micropaleontology* **21**, 116, pl. 6, figs. 1a–b, 1975) recorded a few species of this genus from the early Tertiary and Maastrichtian of Argentina, none of which are particularly similar to the present species. The Eocene *Munseyella bungoona* McKenzie *et al.* (*Revta esp. Paleont.*, **8**, 94–97, pl. 4, figs. 2–17, pl 8, figs. 7–10, 1993) from Australia is similar to the present forms with respect to the presence of an aspinose posteromarginal ridge. There is no other known Tertiary or Quaternary species of *Munseyella* described from Australia and New Zealand which is similar to the present form (see McKenzie *et al.*, *op. cit.*; Swanson, *N. Z. ocean. Inst. Mem.*, **78**, 19–21, figs. 22–24, 1979; Whatley & Downing, *Revta esp. Micropaleont.*, **15**, 379–380, pl. 6, figs. 18–20, 1983).

Distribution: Known only from the type locality.

Explanation of Plate 25, 4

Fig. 1, RV, int. lat. (**DMGUG.SAtl.31**, 430 μm long). Fig. 2, LV, ext. dors. (**DMGUG.SAtl.33**, 440 μm long). Fig. 3, LV, int. lat. (**DMGUG.SAtl.32**, 441 μm long).
Scale A (100 μm; ×160), figs. 1–3.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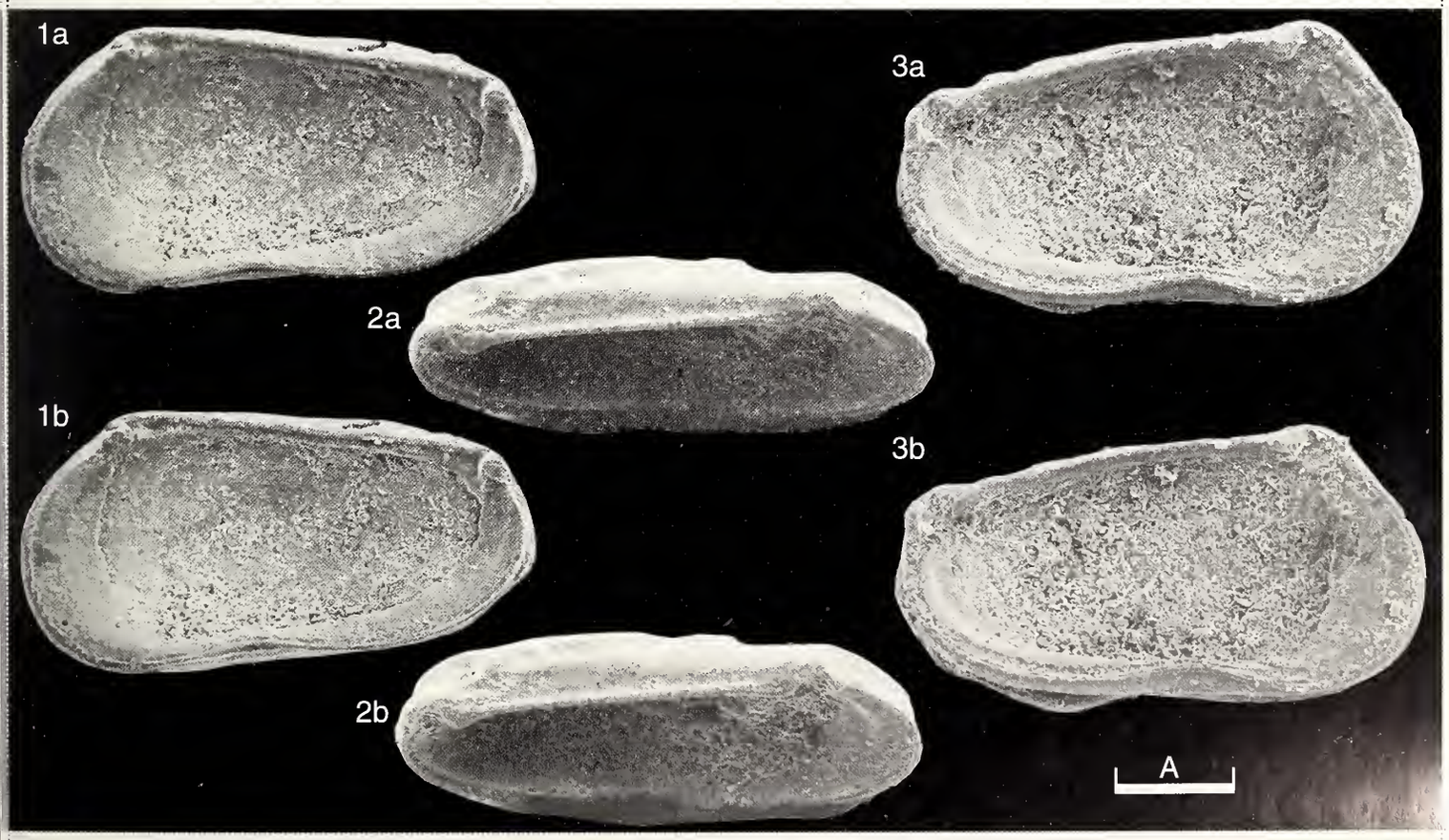
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555.336.13 (113.311) (57 : 161.150.64) : 551.351

ON *FUSCINULLINA* (*FUSCINULLINA*) *PECTINATA* KANYGIN

by Roger E. L. Schallreuter
(University of Hamburg, Hamburg, Germany)

Genus *FUSCINULLINA* Kanygin, 1967

Type species (by original designation): *Fuscinullina pectinata* Kanygin, 1967

Diagnosis: A medium sized genus of the Soanellidae (Hollinacea). Trilobate; lobes L1 and L2 united to form one lobe (L1/2); sulci S2 and S3 and lobes L3 and L4 are also present.

Remarks: According to A.V. Kanygin (*Ostrakody ordovika gornoj sistemy Cherskogo*, 70, 1967) the three lobes represent L1, L2 and L3, while the two sulci between them represent S2 and S3. This designation can not be correct because, in lobate Palaeozoic ostracods, S2 and S3 are never considered to be anterior of L2 and L3. Thus Kanygin's numbering of the sulci was correct, but not that of the lobes. V.A. Ivanova (*Trudy Paleont. Inst. Akad. nauk SSSR*, **172**, 170, 1979) designated the lobes correctly but in 1990 (*Practical manual on microfauna of the USSR*, **4**, 63) again used the (original) incorrect numbering for the lobes.

Fuscinites Ivanova, 1979 (*op. cit.*, 176) is herein considered to be only a subgenus of *Fuscinullina*. *Fuscinullina (Fuscinites)* differs from *Fuscinullina (Fuscinullina)* by lacking ridges on L1/2.

Occurrence: Lower and middle Ordovician, NE Siberia.

Explanation of Plate 25, 6

Figs. 1, 2, LV (holotype, **256/53a**, 1.65 μm long): fig. 1, ext. lat.; fig. 2, ext. vent. Fig. 3, RV ext. lat. (**256/53b**, 1.60 μm long).
Scale A (250 μm; ×43), figs. 1–3.

Fuscinullina (Fuscinullina) pectinata Kanygin, 1967

1967 *Fuscinullina pectinata* gen. et sp. nov. A.V. Kanygin, *Ostrakody ordovika gornoj sistemy Cherskogo*, 69–71, 92, 93, 106, 110, 111, 121, 132, 135, 137, 139, 140, 150, figs. 5 (*Euscinullina* sp.), 11, 12 (*Fussunullina*), tables 2 (p. 117), 4 (*Fuscinllina*), 8 (p. 88), 9 (p. 90), pl.10, figs. 4–9.
1971 *Fuscinullina pectinata* Kanygin; A.V. Kanygin *Trudy Inst. geol. geofiz. Sibirsk. otd. Akad. nauk SSSR*, (IGiG), **128**, 63–64, 92, 93, 97, 106, tables 8 (p. 88), 9 (p. 90), pl. 14, figs. 2–5.
1979 *Fuscinullina pectinata* Kanygin; V.A. Ivanova, *Trudy Paleont. Inst. Akad. nauk SSSR*, **172**, 169, 170, pl.16, fig. 2.
1985 *Fuscinullina pectinata* Kanygin; A.V. Kanygin, *Trudy IGiG*, **615**, 7.
1986–7 *Fuscinullina pectinata* Kanygin; E.K. Kempf, *Geol. Inst. Univ. Köln Sonderveröff.*, **50**, 361, **51**, 437, **52**, 483.
1990 *Fuscinullina pectinata* Kanygin; A.V. Ivanova, *Practical manual on microfauna of the USSR*, **4**, 63, 233, pl. 8, fig. 10.

Holotype: Institute of Geology and Geophysics, Siberian branch of the Russian Academy of Sciences, Novosibirsk (IGiG), no. **256/53a**; left valve.

Type locality: Charkindzha Stream, Omulev Mountains, NE Siberia; Sien Formation, lower Ordovician. (approximately 64°N, 150°E).

Figured specimens: Institute of Geology and Geophysics, Siberian branch of the Russian Academy of Sciences, Novosibirsk (**IGiG**), nos. **256/53a** (LV: Pl. **25**, 6, figs. 1, 2), **256/53b** (RV: Pl. **25**, 6, fig. 3; Pl. **25**, 8, fig. 3) and **256/53v** (LV: Pl. **25**, 8, figs. 1, 2). All specimens from the type locality (holotype: sample 62080; other from sample 62084).

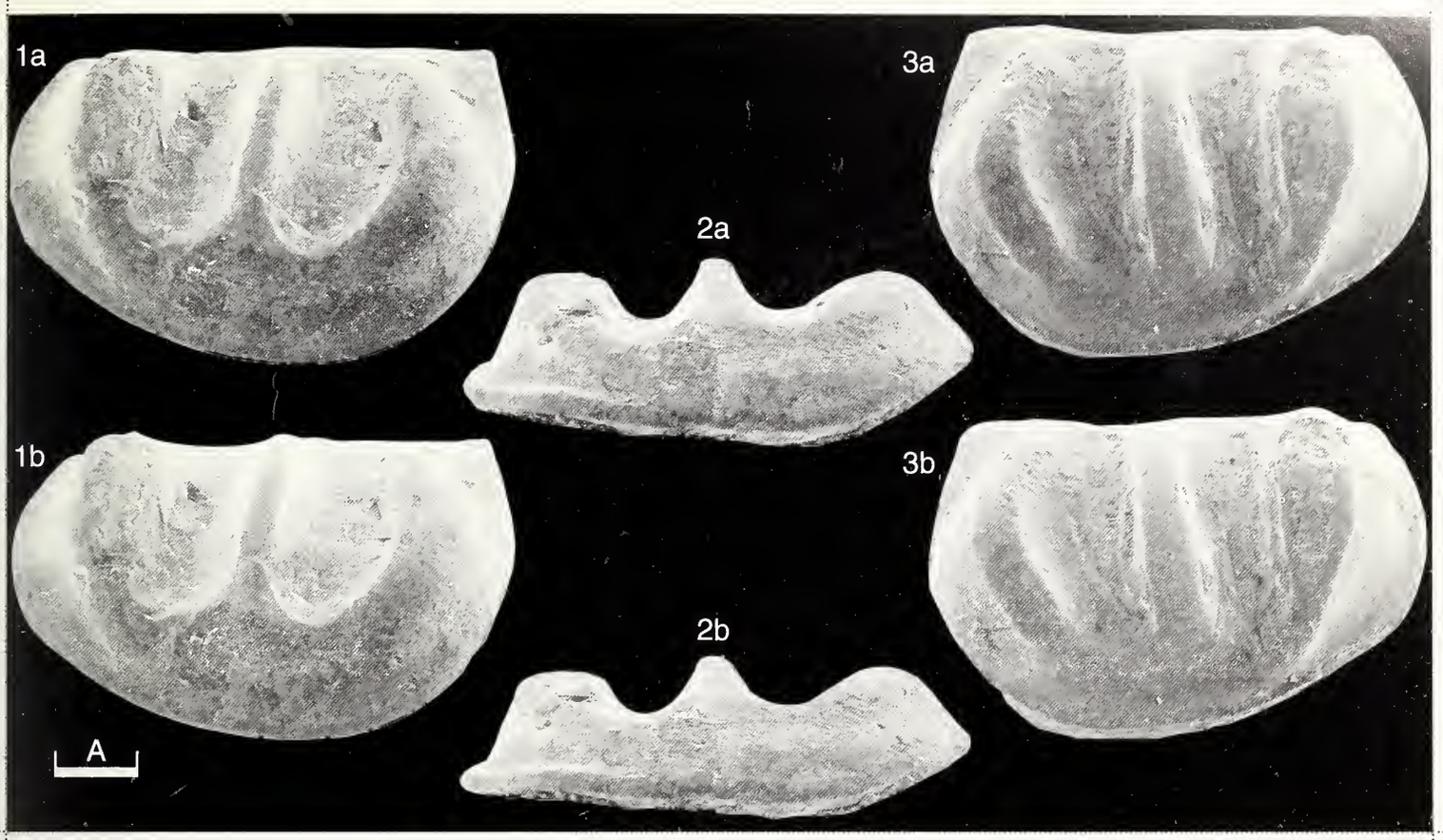
Diagnosis: As for the genus which is currently monotypic.

Distribution: Lower and middle Ordovician, NE Siberia, Russia. Sien Formation, Charkindzha Stream, West Omulev Mountains; Taryn-Yuryakh Formation, Unga Stream, Selennyakh Range, and middle Sakkyryr Formation, Vodopadnyj Stream, Sette-Daban Ridge, Verchojan Mountains.

Acknowledgements: I thank Dr. A.V. Kanygin (Russian Academy of Sciences, Novosibirsk) for loan of the type material.

Explanation of Plate 25, 8

Figs. 1, 2, LV (**256/53v**, 1.63 mm long): fig. 1, ext. lat.; fig. 2, ext. vent. Fig. 3, RV, ext. vent. (**256/53b**, 1.60 mm long).
Scale A (250 μm; ×43), figs. 1–3.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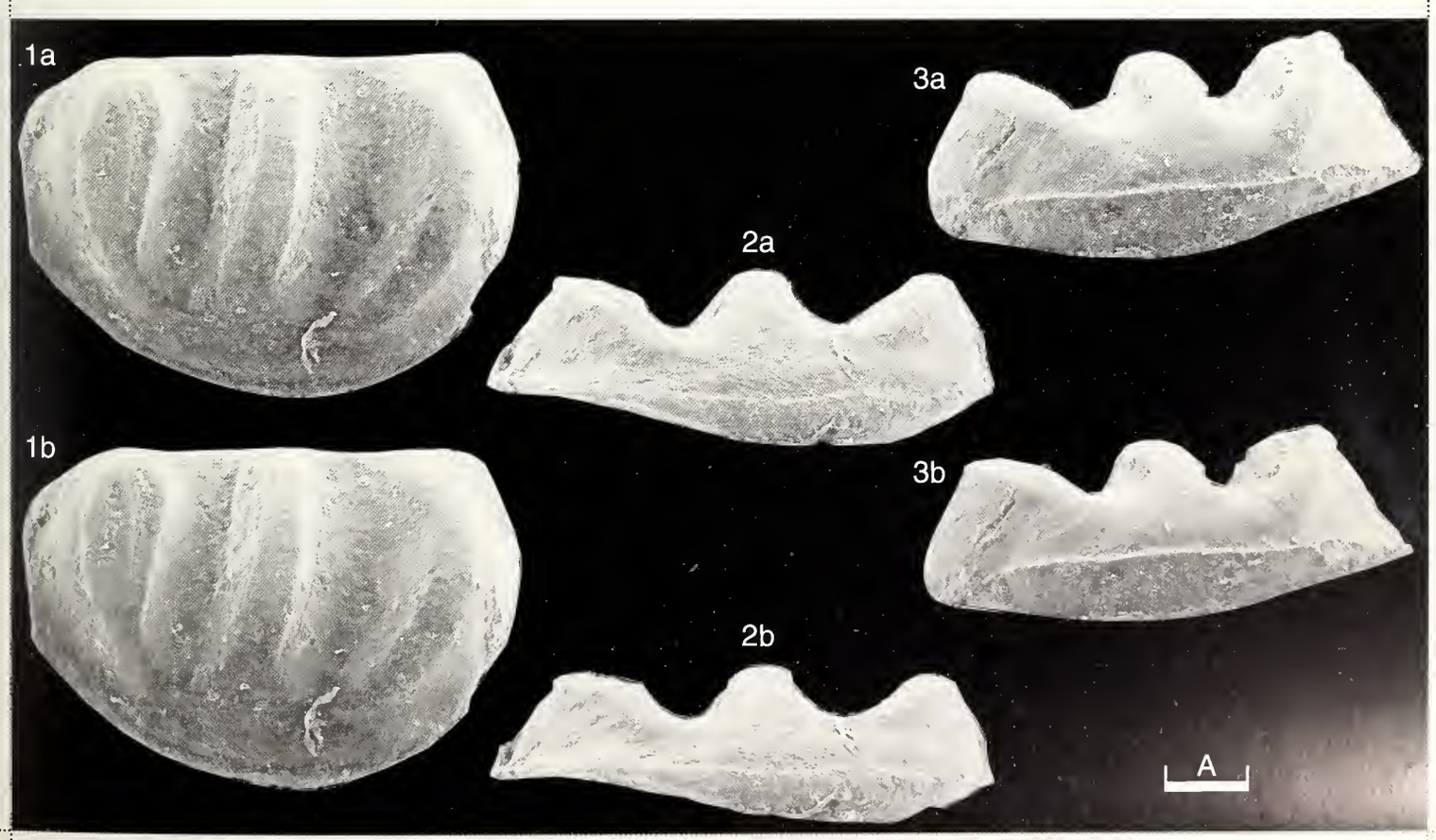
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595.337.1 (119.9) (520 : 161.130.32 + 137.37 + 130.15) : 551.351

ON *CALLISTOCYTHERE PUMILA* HANAI

by Akira Tsukagoshi
(The University Museum, University of Tokyo, Tokyo, Japan)

Callistocythere pumila Hanai, 1957

1957 *Callistocythere pumila* sp. nov.; Hanai, T. J. *Fac. Sci. Univ. Tokyo*, **10**, pl. 10, figs. 2a–c.
1975 *Callistocythere pumila*; Okubo, I. *Proc. Jap. Soc. Syst. Zool.*, **11**, fig. 1.
1979 *Callistocythere laevis* sp. nov.; Okubo, I.. *Res. Crust. (Carcinol. Soc. Japan)*, **9**, text-fig. 5, pl. 2, figs. e–h.
1998 *Callistocythere pumila*; Yamane, K. *Bull. Ehime Pref. Sci. Mus.*, **3**, pl. 3, fig. 5.

Holotype: The University Museum, The University of Tokyo [UMUT] no. **CA 2578**; a carapace without soft parts (Length=0.49 mm, Height=0.25 mm, Width=0.21 mm). [Paratypes: nos. UMUT **CA 2579–2581**].

Type locality: A shore about 1 km N.E. of Akase railroad station, Uto City, Kumamoto Pref., Kyushu, Japan. (131°16′E, 32°40′N).

Figured specimens: The University Museum, The University of Tokyo [UMUT] nos. **CA 2578** (Holotype ♀ car.: Pl. **25**, 14, figs. 1, 2), **RA 27778** (♀ car.: Pl. **25**, 10, fig. 1), **RA 27779** (♀ car.: Pl. **25**, 10, fig. 2, Pl. **25**, 14, fig. 5), **RA 27780** (♀ car.: Pl. **25**, 10, fig. 3), **RA 27781** (♀ car.: Pl. **25**, 10, fig. 4), **RA 27782** (♀ car.: Pl. **25**, 10, figs. 5, 6, Pl. **25**, 16, figs. 1–4, Pl. **25**, 16, fig. 7), **RA 27783** (♀ car.: Pl. **25**, 10, fig. 7), **RA 27784** (♀ car.: Pl. **25**, 10, fig. 8), **RA 27785** (♂ car.: Pl. **25**, 12, fig. 1), **RA 27786** (♂ car.: Pl. **25**, 12, fig. 2, Pl. **25**, 14, fig. 6), **RA 27787** (♂ car.: Pl. **25**, 12, fig. 3), **RA 27788** (♂ car.: Pl. **25**, 12, fig. 4), **RA 27789** (♂ car.: Pl. **25**, 12, figs. 5, 6, Pl. **25**, 16, fig. 5, 6), **RA 27790** (♂ car.: Pl. **25**, 12, fig. 7), **RA 27791** (♂ car.: Pl. **25**, 12, fig. 8), **RA 27792** (A-1 car.: Pl. **25**, 14, fig. 3), **RA 27793** (A-1 car.: Pl. **25**, 14, figs 3, 4, 7), **RA 27794** (♂ car.: Text-fig. 1F, G), **RA 27795** (♂ car.: Text-fig. 1, A-E), **RA 27796**

Explanation of Plate 25, 10

Fig.1, ♀ car. rt. lat. (**RA 27778**, 530 μm long). Fig. 2, ♀ car. lt. lat. (**RA 27779**, 510 μm long). Fig. 3, a car. dors. (**RA 27780**, 530 μm long). Fig. 4, ♀ car. vent. (**RA 27781**, 540 μm long). Fig. 5, 6, ♀ car. (**RA 27782**, 480 μm long): fig. 5, disarticulated car. lt. valve, int. lat.; fig. 6, disarticulated car. rt. valve, int. lat. Fig. 7, ♀ car. ant. (**RA 27783**, 230 μm thick). Fig. 8, ♀ car. post. (**RA 27784**, 220 μm thick).
Scale A (200 μm; ×97), figs. 1–8.

(♀ car.: Text-fig. 2). Specimens of **RA 27778–RA 27781**, **RA 27783–RA 27788**, **RA 27790**, **RA 27791**, **RA 27794**, **RA 27795** collected from bottom sand of inner bay of Tsukumo Inlet, Noto Pen. Ishikawa Pref., Japan (depth=ca. 70 cm, 137°14.0′E, 37°18.8′N, on 23 June, 1987); **RA 27782**, **RA 27789**, **RA 27792**, **RA 27793**, **RA 27796** from a pebble beach, Simodaira, Hukami-cho, Ushibuka City, Kumamoto Pref., Kyushu, Japan (depth=ca. 1 m, 130°06.6′E, 32°15.8′N, on 4 July, 1993).

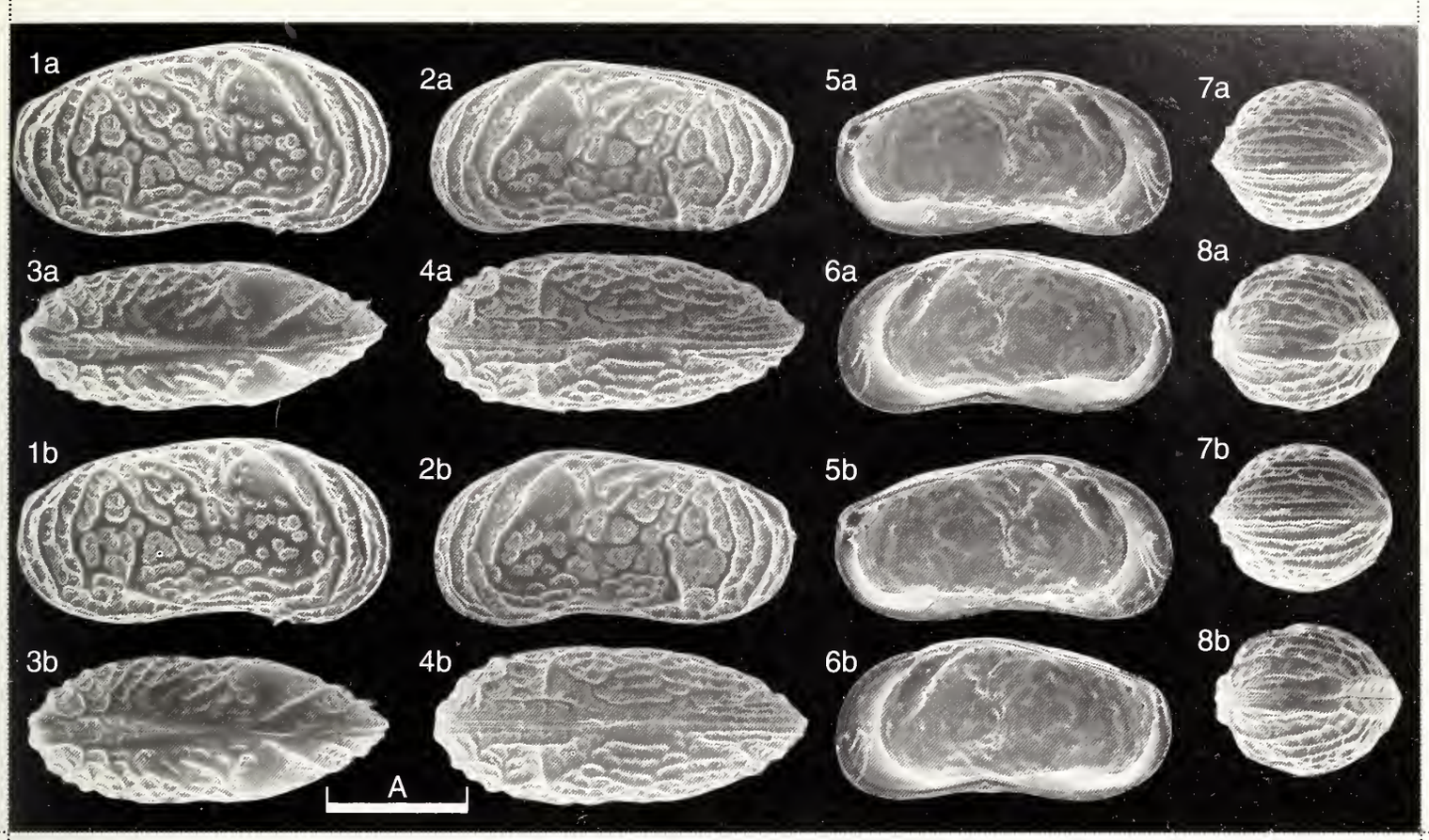
Diagnosis: Conspicuous sexual dimorphism in carapace ornamentation: Female with numerous deep fossae on whole carapace except for noticeable flat tubercle in antero-dorsal area, irregular undulated ridges in posterior half, two strong parallel marginal ridges in devcloped anteriorly; Male weakly ornamented in median area, two strong marginal ridges and few fossae in anterior, some fossae and a few marginal ridges in posterior areas. In the male copulatory organ, the copulatory duct (*ductus ejaculatorius*) coils several times, glans sticks out into the open centre of coiling. Two large curved clasping organs developed, the outer one being the larger. Thin subtriangular supporting lobe at distal end.

Remarks: The morphology of this species occupies intermediate position between two genera, i.e. *Leptocythere* and *Callistocythere*. The male and female forms correspond to the former and the latter respectively. Because of the morphological differences between the two sexes, they were originally described as different species by Okubo (1975 and 1979, respectively), therefore *Callistocythere laevis* Okubo, 1979 is a junior synonym. This species inhabits shallow brackish-water environments of muddy sand substrates in inner bay or open lagoon near river mouth.

Acknowledgements: I express my deep appreciation to Dr. Ian Boomer (University of Newcastle) for his critical reading of the manuscript. I also thank Dr. Takahiro Kamiya (Kanazawa University) for his united efforts in collecting samples. This study was partly supported by the Grant-in-Aid for Scientific Research (No. 09740636) of the Ministry of Education, Science and Culture, Government of Japan.

Explanation of Plate 25, 12

Fig.1, ♂ car. rt. lat. (**RA 27785**, 520 μm long). Fig. 2, ♂ car. lt. lat. (**RA 27786**, 520 μm long). Fig. 3, ♂ car. dors. (**RA 27787**, 540 μm long). Fig. 4, ♂ car. vent. (**RA 27788**, 530 μm long). Fig. 5, 6, ♂ car. (**RA 27789**, 479 μm long): fig. 5, disarticulated car. lt. valve, int. lat.; fig. 6, disarticulated car. rt. valve, int. lat. Fig. 7, ♂ car. ant. (**RA 27790**, 190 μm thick). Fig. 8, ♂ car. post. (**RA 27791**, 180 μm thick).
Scale A (200 μm; ×97), figs. 1–8.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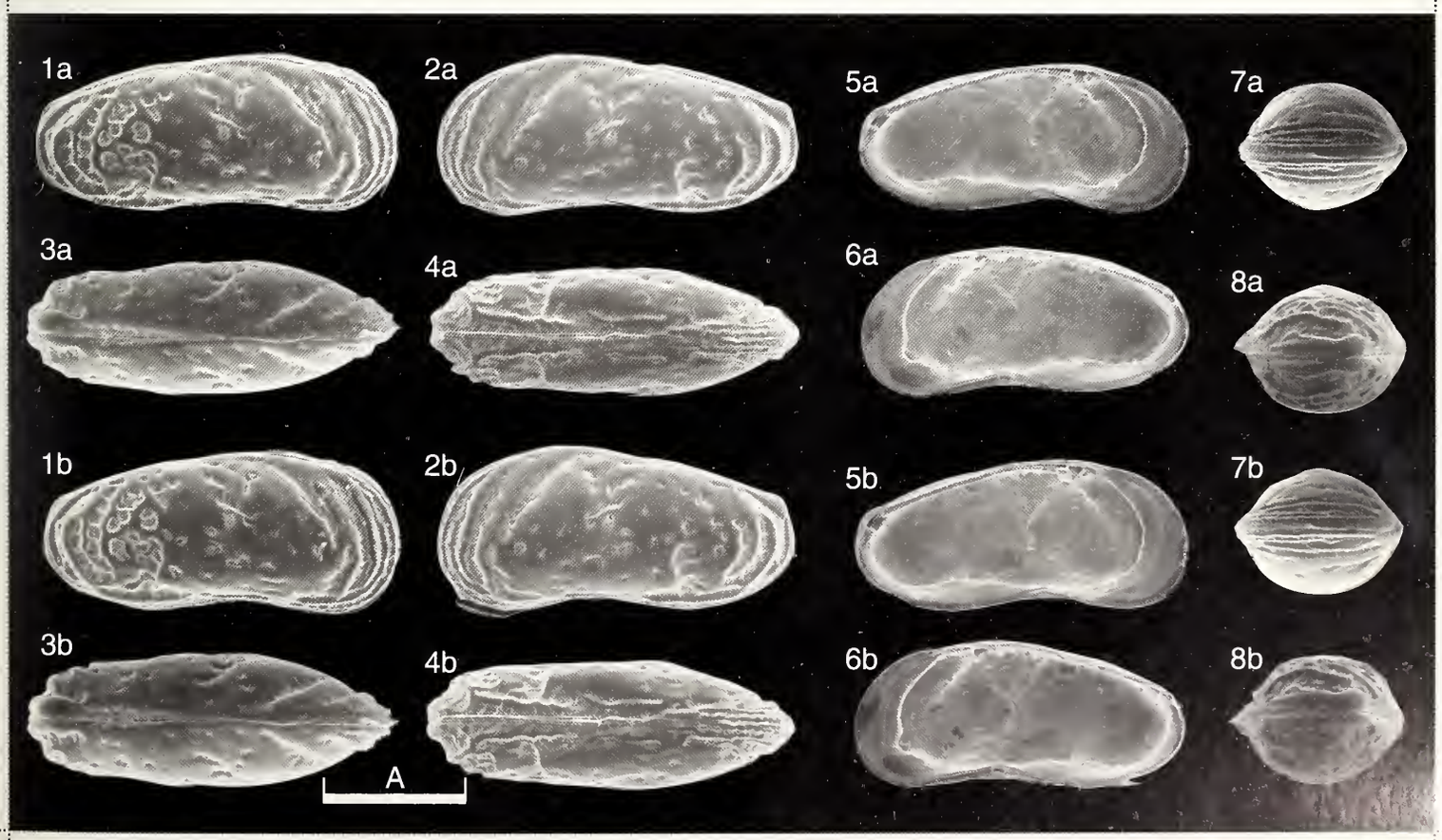
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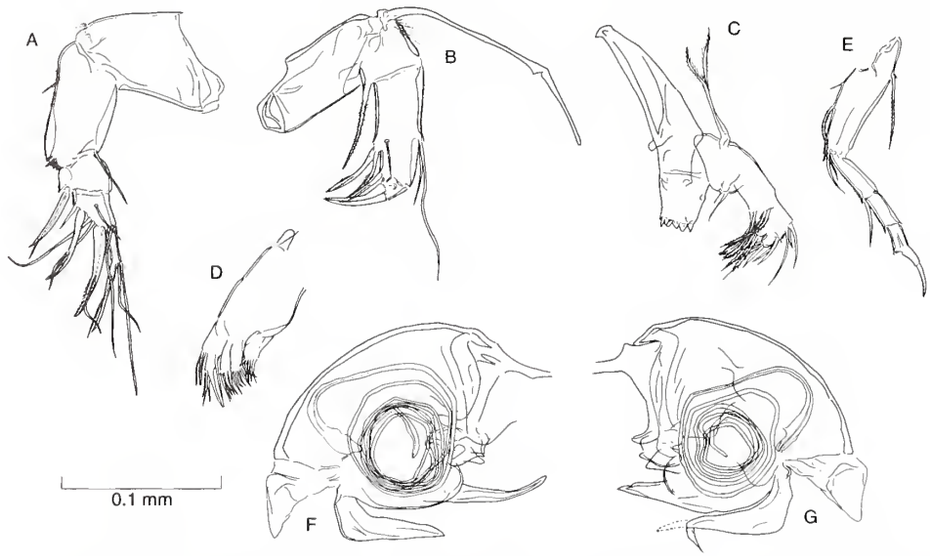
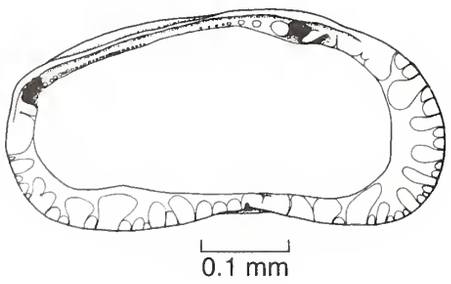


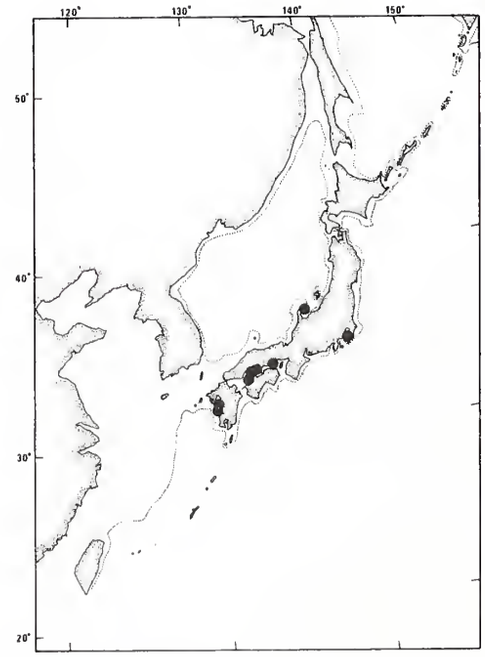
Text-fig. 1. Appendages of *Callistocythere pumila*, ♂. A, antennule; B, antenna; C, mandible; D, maxilla; E, fifth limb; F, left male copulatory organ; G, right male copulatory organ. Figs. A–E from **RA 27795**; F, G from **RA 27794**. Scale bar indicates 100 μm.

Explanation of Plate 25, 14

Figs. 1, 2, ♀ car. (**CA 2578**, 490 μm long): fig. 1, car. rt. lat.; fig. 2, car. lt. lat. Fig. 3, A-1 juvenile, rt. lat. (**RA 27792**, 420 μm long). Fig. 4, 7, A-1 juvenile (**RA 27793**, 410 μm long): fig. 4, lt. lat.; fig. 7, carapace ornamentation in dorsal area. Fig. 5, ♀ carapace ornamentation in dorsal area (**RA 27779**). Fig. 6, ♂ carapace ornamentation in dorsal area (**RA 27786**).
Scale A (200 μm; ×88), figs. 1, 2; scale B (200 μm; ×97), figs. 3, 4; (60 μm; ×323), figs. 5–7.



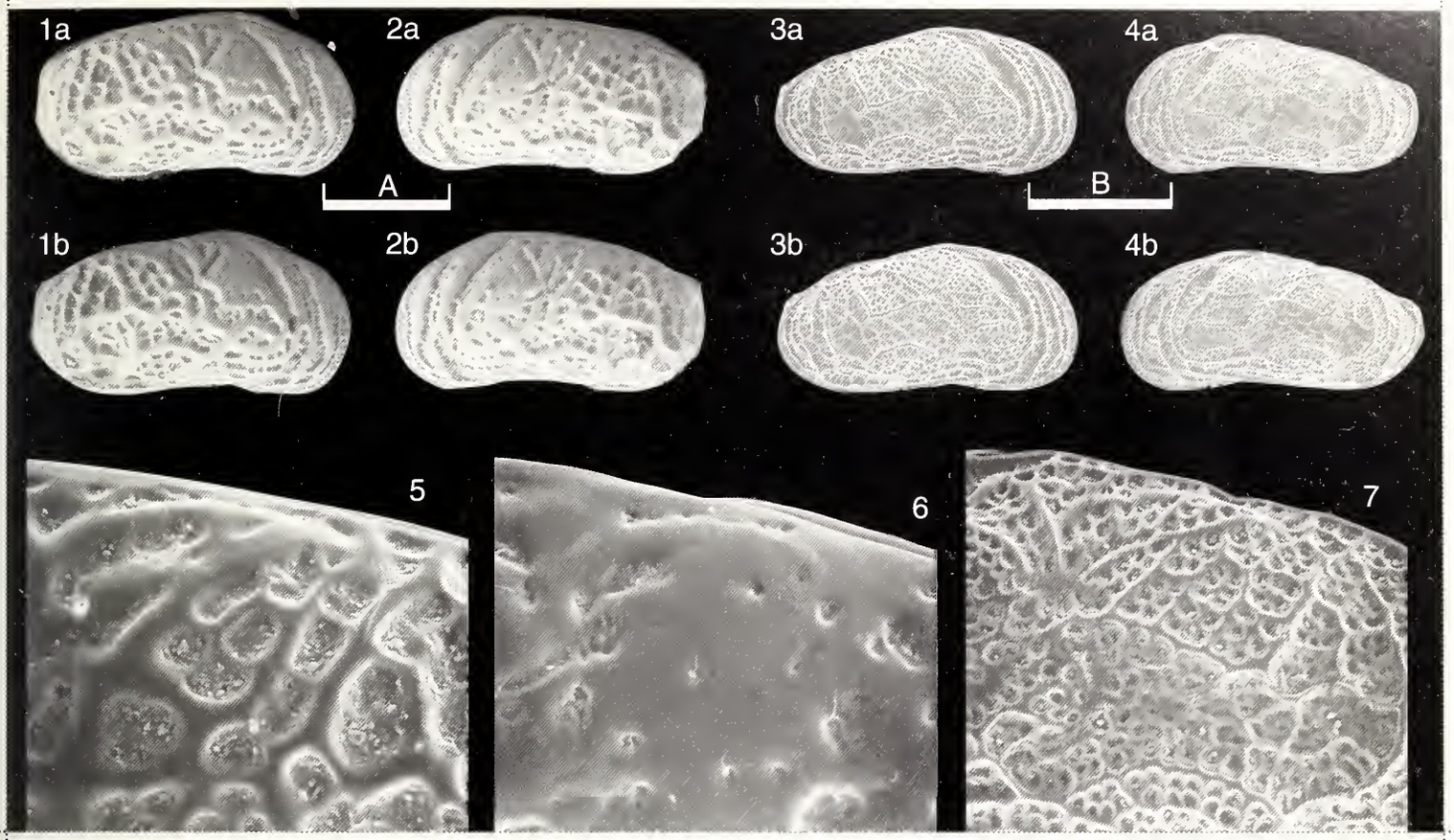
Text-fig. 2. Distribution of marginal pore canals (**RA 27796**, ♀). Scale bar indicates 100 μm.



Text-fig. 3. Geographical distribution of *Callistocythere pumila* Hanai, 1957. The localities from the Inland Sea are cited in Okubo (1975, 1979) and Yamane (1998).

Explanation of Plate 25, 16

Figs. 1–4, 7, ♀ car. (**RA 27782**): fig. 1, post. hinge element, LV; ant. hinge element, LV; fig. 3, ant. hinge element, RV; fig. 4, post. hinge element, RV, fig. 7, snap-structure on vent. area, RV. Figs. 5, 6, ♂ car. (**RA 27789**): fig. 5, adductor muscle scars, LV, fig. 6, adductor muscle scars, RV.
Scale A (30 μm; ×650), figs. 1–7.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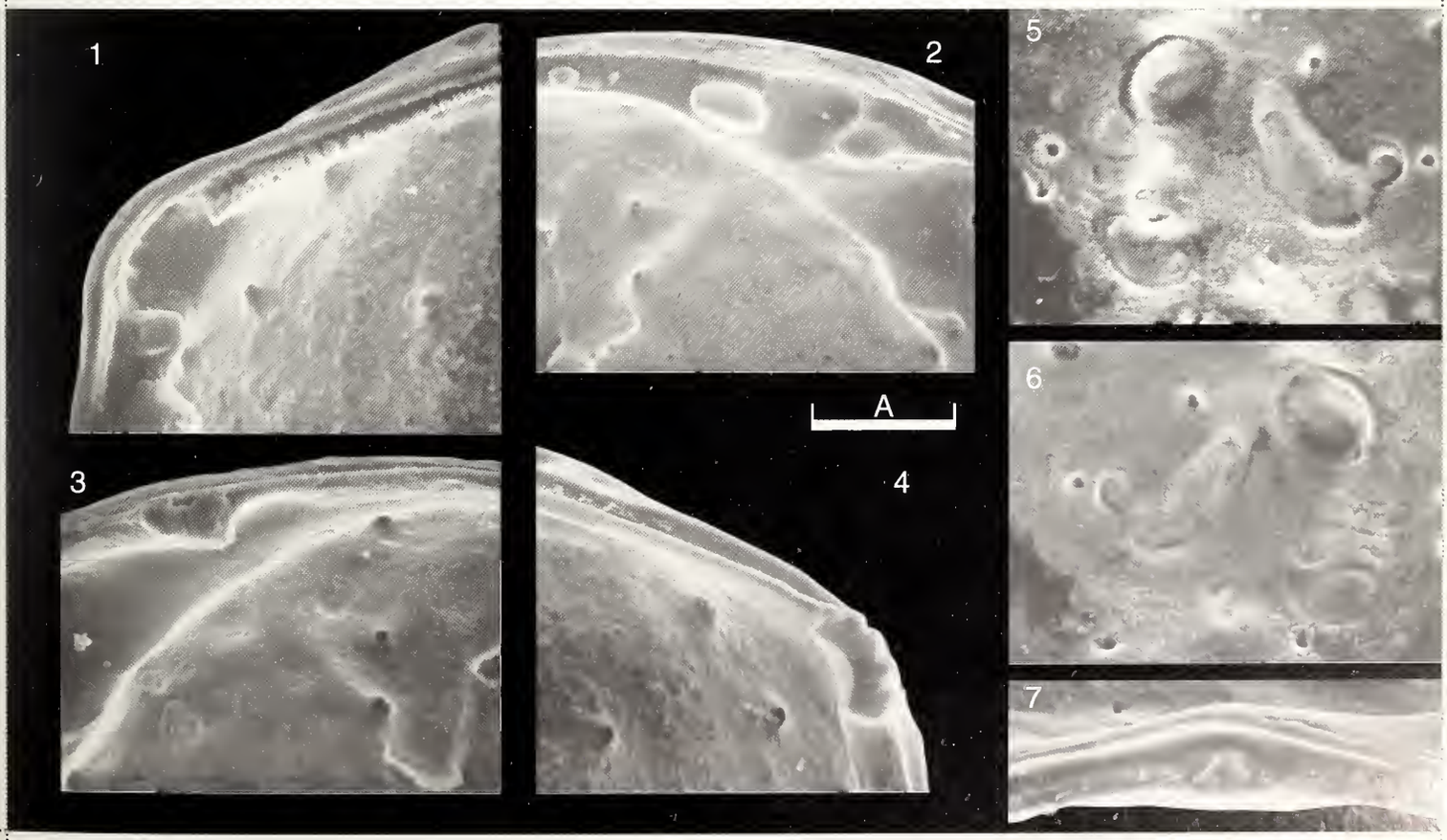
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595.337.13 (119.9) (493 : 161.003.51) : 551.312

ON *DARWINULA STEVENSONI* (BRADY & ROBERTSON)

by Giampaolo Rossetti, David J. Hore and Koen Martens

(Department of Environmental Sciences, University of Parma, Italy; School of Earth and Environmental Sciences, University of Greenwich, U.K. and Royal Belgian Institute of Natural Sciences, Brussels, Belgium)

Genus *DARWINULA* Brady & Robertson, 1885

1870 *Polycheles* gen. nov., G.S. Brady & D. Robertson, *Ann. Mag. Nat. Hist.*, ser. **4**, 6, 25 (junior homonym).
1872 *Darwinella* nom. nov., G.S. Brady & D. Robertson, *ibid.*, ser. **4**, 9, 50 (junior homonym).
1885 *Darwinula* nom. nov., G.S. Brady & D. Robertson, *Quart. J. Geol. Soc. Lond.*, **41**, p. 346.

Type-species (by original designation): *Polycheles stevensoni* Brady & Robertson, 1870

Diagnosis: Elongated and mostly large (up to c. 0.8 mm) darwinulids, without internal teeth in the LV and without ventral keel on the RV. Hinge adont. Both R/L and L/R overlap possible. Dorsal margin evenly sloping, not rounded or straight over part of its length. Central muscle scar always situated towards the front in adult specimens. Large caudal brooding cavity externally visible. In frontal view, LV and RV almost symmetrical, not oblique. First segment on A1 with 2 dorsal setae; second segment with 3 ventral setae. A2 with 2 long setae and a spine on exopodite; first endopodal segment with two apical *s*-claws. Postabdomen present. Furca in adults present or absent.

Remarks: The present diagnosis is much more restricted than before (I.G. Sohn, *Micropaleontology*, **33**,150–163, 1987), since the entire *D. africana* group has been moved into two new genera (G. Rossetti & K. Martens, in prep.). Only species of the *stevensoni* and *serricaudata* groups (*sensu* Martens *et al.*, in press) are retained in *Darwinula* s.s.

Darwinula stevensoni Brady & Robertson, 1870

1870 (partim) *Argilloecia (?) aurea* sp. nov., G.S. Brady & D. Robertson, *Ann. Mag. Nat. Hist.*, ser. **4**, 6, 16, pl. 8, figs. 4, 5
1870 *Polycheles stevensoni* sp. nov., G.S. Brady & D. Robertson, *ibid.*, ser. **4**, 6, 25, pl. 7, figs. 17, pl. 10, fig. 13.
1872 *Darwinella stevensoni* (Brady & Robertson, 1870), G.S. Brady & D. Robertson, *ibid.*, ser. **4**, 9, 50.
1885 *Darwinula stevensoni* (Brady & Robertson, 1870), G.S. Brady & D. Robertson, *Quart. J. Geol. Soc. Lond.*, **41**, 346
1895 *Darwinula improvisa* sp. nov., C.H. Turner, *Minn. Geol. Nat. Hist. Survey, Zool. Ser.*, **2**, 336, pl. 81, figs. 1–3, 13 (*D. inopina* in the caption of fig. 13).
1912 (partim) *Darwinula aurea* (Brady & Robertson, 1870), G.W. Müller, *in:* F.E. Schultze (Ed.), *Das Tierreich*, **31**, 240, figs. 63–65.
1968 *Darwinula variabilis* sp. nov., M.L. Tagliasacchi-Masala, *Rend. Sem. Fac. Sc. Univ. Cagliari*, **37**, 624, pl. 3, 4.
1953 *Darwinula variabilis* sp. nov., D.R.Rome, *Rev. Zool. Bot. Afr.*, **41**, 39, pl. 2, figs. 16–25.

Explanation of Plate 25, 18

Fig. 1, ♀ car., dors. (**O.C. 1888**, 735 µm long); fig. 2, ♀ car., lat. (**O.C. 1889**, 715 µm long); fig. 3, ♀ car., ventr. (**O.C. 1890**, 705 µm).
Scale A (100 µm; ×126), figs. 1–3. Error of SEM magnification is c. 5%.

Lectotype: Female carapace, Hancock Museum (Newcastle-upon-Tyne, U.K.) no. **1.56.08** (designated by I.G. Sohn, *op.cit,* 1987).
Type locality: Somerton Broad, Norfolk, England (see Sohn, *op. cit.*); other original localities were reported by Brady & Robertson (*op. cit.*, 1870).
Figured specimens: Royal Belgian Institute of Natural Sciences (Brussels, Belgium), Ostracod Collection, nos. **O.C. 1829** (♀: Text-fig. 1D; Text-fig. 2D), **O.C. 1830** (♀: Text-figs. 1A, F; Text-figs. 2B, C), **O.C. 1831** (♀: Text-fig. 1E), **O.C. 1832** (♀: Text-fig. 2A), **O.C. 1833** (♀ RV and LV: Pl. **25**, 20, figs. 3, 4), **O.C. 1834** (♀: Text-figs. 1B, C), **O.C.1888** (♀ car.: Pl. **25**, 18, fig. 1), **O.C. 1889** (♀ car.: Pl. **25**, 18, fig. 2), **O.C. 1890** (♀ car.: Pl. **25**, 18, fig. 3), **O.C. 1891** (♀ RV and LV: Pl. **25**, 20, figs. 1, 2). All specimens collected by K. Martens on May 18, 1995 from Hollandersgatkreek, NW Belgium (lat. 51°15′47″N, long. 03°31′58″E). Slightly saline lake, sandy bottom, animals collected at 1–1.5 m deep, along edge of littoral *Typha*-stand; water temperature = 12.8°C, pH=8.8, conductivity=3.44 mS/cm.

Diagnosis: Large-sized darwinulid. Valves pearly white, with smooth surface and widely spaced setae; RV overlapping LV on all sides except at the hinge. Seen ventrally, shell ovoid, posterior part rounded, forming a brood chamber, anterior part rather pointed; margin of the RV sinuous anteriorly and quite straight at the postcrior 3/5; greatest width at about 2/3 of the length. In lateral view, shell elongate, greatest height in the posterior quarter; posterior margin more broadly rounded than the anterior one, the latter more pointed and slightly curved towards the ventral side; ventral margin almost straight, dorsal margin gently curved. Central muscle scar consisting of 9–12 spots arranged in a circular rosette. Hinge adont.

Exopodite of antenna with unequal bristles *a* and *b*, the latter half as long as the former (Text-fig. 1A). Second segment of mandibular palp bearing four terminal setae, three short (*y*, *x* and *w*) and one larger (*z*), the latter reaching beyond the tip of the next segment; third segment with two subterminal setae (*a* and *b*) and two terminal setae, one shorter (*c*) and the other (*d*) wider in the first half ("seta stevensoni") (Text-fig. 1D). Second segment of the maxillar endopodite with two setae (*a* and *b*) of equal length (Text-fig. 1F). Furca absent in adult specimens. Abdomen ending as a conical, vermiform process (Text-fig. 2D). Male unknown (see below).

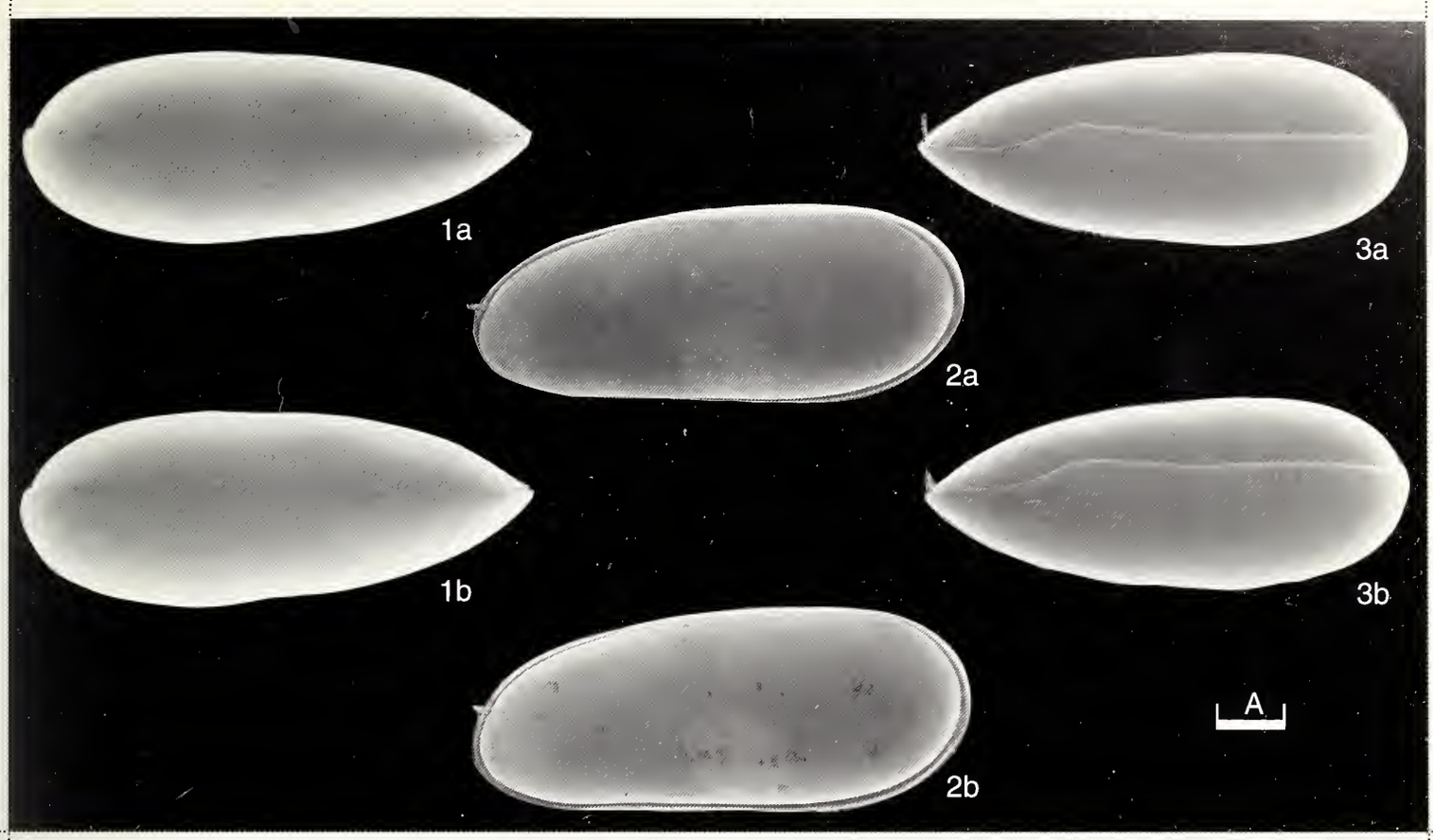
Remarks: The Darwinuloidea represent a prominent example of so-called ancient asexuals: bisexual populations are unknown since at least the end of the Cretaceous (c. 70 Ma), possibly since the Jurassic (c. 120 Ma) (I.G. Sohn, *op. cit.*), and as citations of some Mesozoic males are doubtful, possibly since the Permian (250 Ma) (I. Schoen *et al.*, *TREE*, **11**, 296–297, 1996). However, from recent faunas, males of *D. stevensoni* have been reported twice. In their original description of *D. stevensoni*, Brady & Robertson (*op. cit.*, 1870) (see also G.S. Brady & A.M. Norman, *Trans. R. Dub. S., N. S.*, **4**, 122, pl. 10, figs. 11, 12; pl. 13, fig. 9, 1889) reported and even illustrated the carapace and the copulatory organ of a male of this species. Turner (*op. cit.*, pl. 81, figs. 1, 2) also reported a male of *D. improvisa* (a synonym of *D. stevensoni*) from North America, but only illustrated the A1 and the T2 of this presumed male. Since then, researchers have intensively looked for males in this lineage but without any success. Morphology of both valves and soft parts of the species *D. stevensoni* has been redescribed extensively by G. Rossetti & K. Martens (*Bull. Inst. R. Sci. Nat. Belg., Biol.*, **66**, 73–93, 1996). Morphological variability between geographically and climatically distant populations is minimal or absent.

Distribution: Recent, fresh and brackish waters, ubiquitous. Cosmopolitan.

Acknowledgements: This work has been supported by the E.U. Human Capital and Mobility Program (contract ERBCHRXCT/93/0253). We thank J. Cillis and C. Behen (Brussels) for the technical assistance with SEM-images and with line drawings, respectively. Soft parts illustrated here are reproduced with permission of the editor of the *Bulletin van het Koninklijk Belgisch Instituut voor Natuurwetenschappen*, Dr K. Wouters (Brussels).

Explanation of Plate 25, 20

Fig. 1, ♀ LV, int. lat. (**O.C. 1891**, 710 µm long); fig. 2, ♀ RV, int. lat. (**O.C. 1891**, 730 µm long); fig. 3, ♀ LV, detail of adductor musc. sc. (**O.C. 1833**); fig. 4, ♀ RV, detail of adductor musc. sc. (**O.C. 1833**).
Scale A (100 µm; ×126), figs. 1, 2; scale B (50 µm; ×710), figs. 3, 4. Error of SEM magnification is c. 5%.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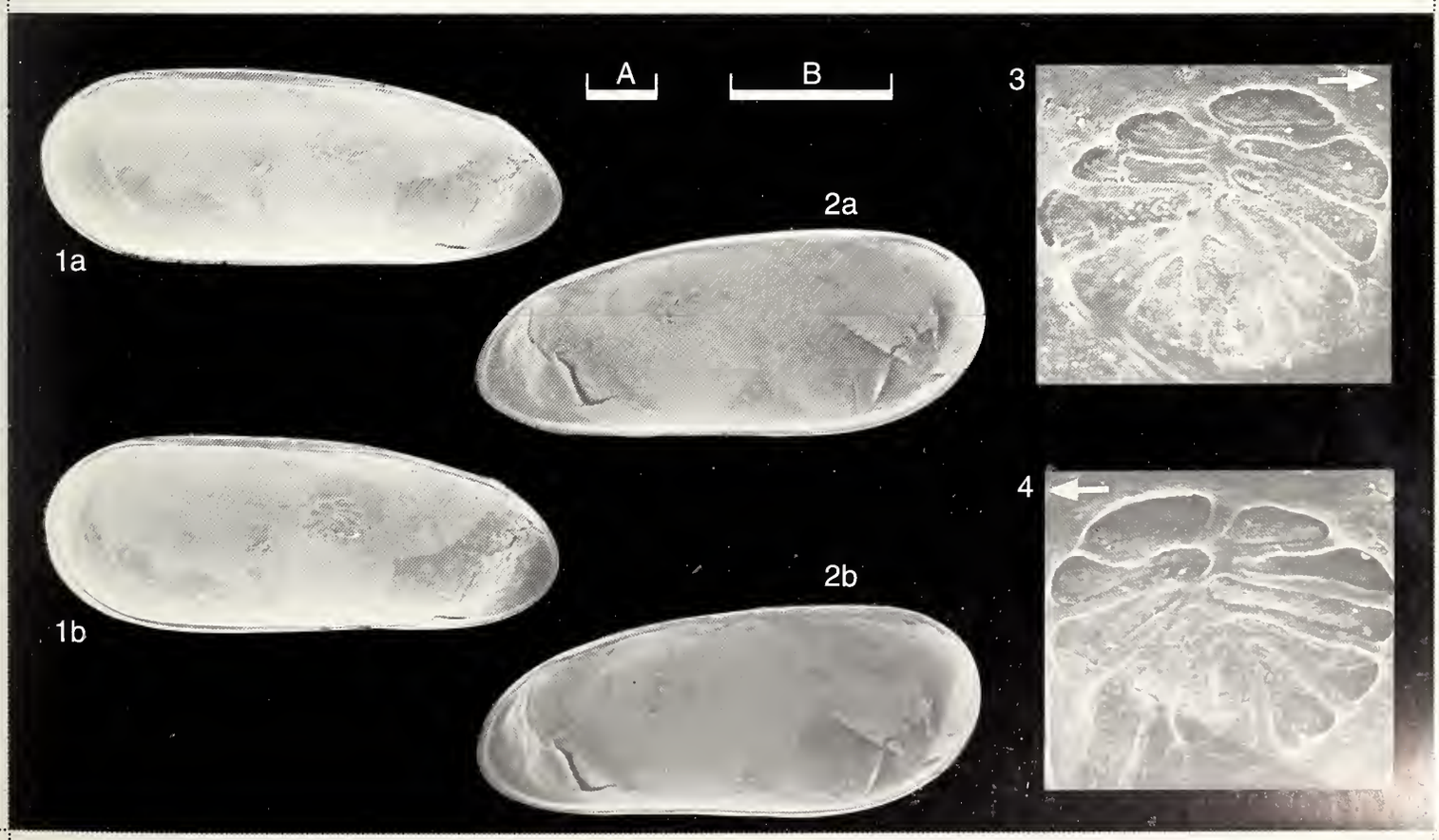
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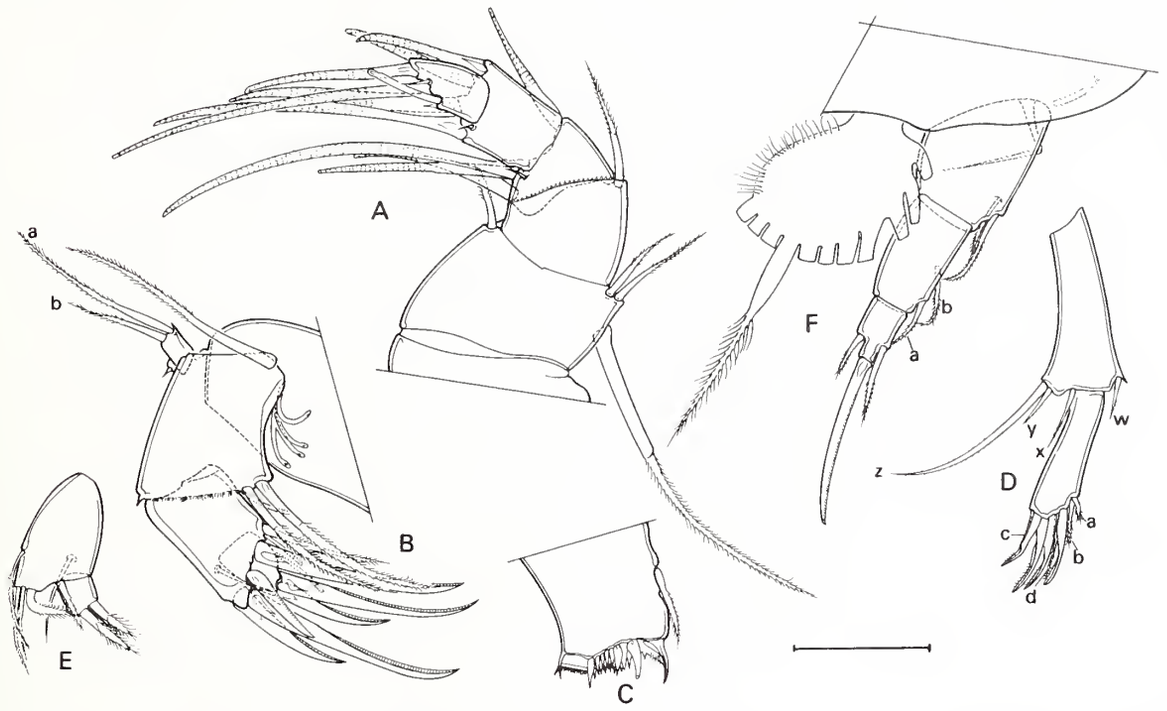
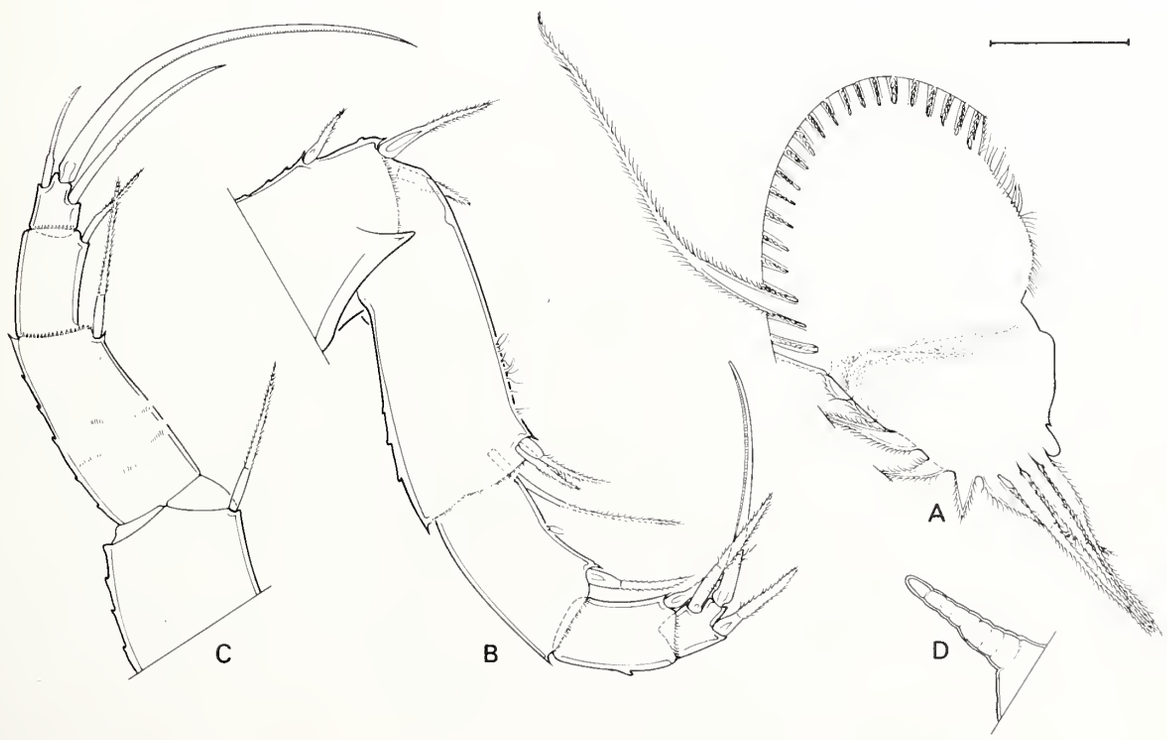


Text-fig. 1. Appendages of ♀ *D. stevensoni*. A, A1 (**O.C. 1830**); B, A2 (**O.C. 1834**); C, Md-masticatory process (**O.C. 1834**); D, Md-palp, second and third segment (**O.C. 1829**); E, Mx1-palp (**O.C. 1831**); F, Mx2 (**O.C. 1830**).
Scale bar = 49 µm for 1A–F.



Text-fig. 2. Appendages of ♀ *D. stevensoni*. A, Mx1, branchial plate (**O.C. 1832**); B, T1 (**O.C. 1830**); C, T2 (**O.C. 1830**); D, Abd. (**O.C. 1829**).
Scale bar = 49 µm for 1A–D.

595.337.22 (113.45) (430:162.050.11): 551.35

ON *BECKERHEALDIA CIRCUMREPTATA* BLUMENSTENGEL

by Gerhard Becker
(Senckenberg Museum, Frankfurt am Main, Germany)

Genus *BECKERHEALDIA* Blumenstengel, 1994

Type-species (by original designation): *Beckerhealdia circumreptata* Blumenstengel, 1994

Diagnosis: Non-lobate, possible quasillitid genus. Outline elongate, subovate in lateral view, symmetrically biconvex in dorsal view. Extramarginal ridge runs along ventral, anterior and posterior margins terminating in anterodorsal, posterodorsal and posteroventral spines. Delicate (ad)marginal structures developed (margina).

Remarks: Beckerhealdia was initially thought to be closely related to *Marginohealdia* Blumenstengel, 1965. Originally assigned to the Family Healdiidae Harlton, 1933 (H. Blumenstengel, *Freiberger ForschHft.*, **C183**, 42, 1965), *Marginohealdia* is now considered to be a thlipsurid genus (F. Adamczak, *pers. comm.*). Based on its overall carapace morphology Blumenstengel (*op. cit.*) suggested that *Beckerhealdia* had healdiid affinities; this idea is now rejected in favour of a possible quasillitid affinity. The overall healdiid carapace morphology suggested by Blumenstengel (*op. cit.*) is now rejected. Adventral structures are uncommon amongst healdiids but are common in the quasillitids (marginal ridge) and bufinids (marginal tubercles); admarginal and extramarginal elevations are known in roponellids (F. Adamczak, *Senck. leth.*, **57**, 360, 368, 382, 1976). Posteriorly and anteriorly situated protuberances are well known in the Family Quasillitidae Coryell & Malkin, 1936. *Timorhealdia* Bless, 1987 was also considered to be closely related to *Beckerhealdia* (Blumenstengel, *op. cit*, 736, 1994) but this is also disputed.

Although *Beckerhealdia* shows quasillitid affinities, its familial status must remain in doubt until its internal features (condition of the free margin, hinge structure) are known. In the quasillitid genus *Beckmannillites* Becker, 1988, an adventral structure (rim, bend) is present which is hook-like at the anterior cardinal angle; posterior spines are strong in both valves. This Givetian genus, however, shows a rather distinct pre-sulcal lobe. Similar patterns of ornamentation are known from Lower Devonian *Quasillites* (G. Becker, *Palaeontographica* **A209**, 146, 1989). The extensive extramarginal ridge and small carapace distinguish *Beckerhealdia* from these genera.

Distribution: Presently monospecific, known only from the Upper Devonian (late Fammenian) of Thuringia, Germany.

Explanation of Plate 25, 24

Figs. 1–4, adult car. (holotype, **Xe 18541**, 830 µm long): fig. 1, rt. lat.; fig. 2, dors.; fig. 3, post.; fig. 4, anterior.
Scale A (100 µm; ×87), figs. 1, 2, 4; scale B (100 µm: ×70), fig. 3.

Beckerhealdia circumreptata Blumenstengel, 1994

1994 *Beckerhealdia circumreptata* sp. nov. H. Blumenstengel, *N. Jb. Geol Paläont. Mh.* **1994**, 733-740, fig. 1/1–8, figs. 21–6
1997 *Beckerhealdia circumreptata* Blumenstengel; H. Blumenstengel, *Beitr. Geol. Thüring., N.F.*, 4, 30, tab. 2, 3, fig. 2, pl. 1, fig. 1.
1998 *Beckerhealdia circumreptata* Blumenstengel; G. Becker, *Senck. leth.*, **78**, in press.

Holotype: Forschungs-Institut Senckenberg, Frankfurt am Main, Germany (SMF) no **Xe 18541**; adult carapace (for full catalogue numbers see Becker, in press).

Type locality: Gositzfelsen East, Fischersdorf near Saalfeld, Thuringia, Germany, 50°36′N, 11°4′E; cephalopod limestones, lower part of the Upper *Clymenia* Formation (bed 15/1), Upper Devonian (*Kalloclymenia* Stage, do V, Fammenian).

Figured specimens: Forschungs-Institut Senckenberg, Frankfurt am Main, Germany (SMF) no **Xe 18541,** (holotype: car., Pl. **25**, 24, figs. 1–4, Pl. **25**, 26, Fig. 2), **Xe 18542** (LV, paraype, Pl. **25**, 26, Figs. 1, 3, 4). All of the figured specimens are from the type locatilty.

Diagnosis: *Beckerhealdia* species with distinct extramarginal ridge; spines strongly developed; posterior spines pointing backwards, anterodorsal spine pointing upwards; valve surface smooth; margina a narrow ridge.

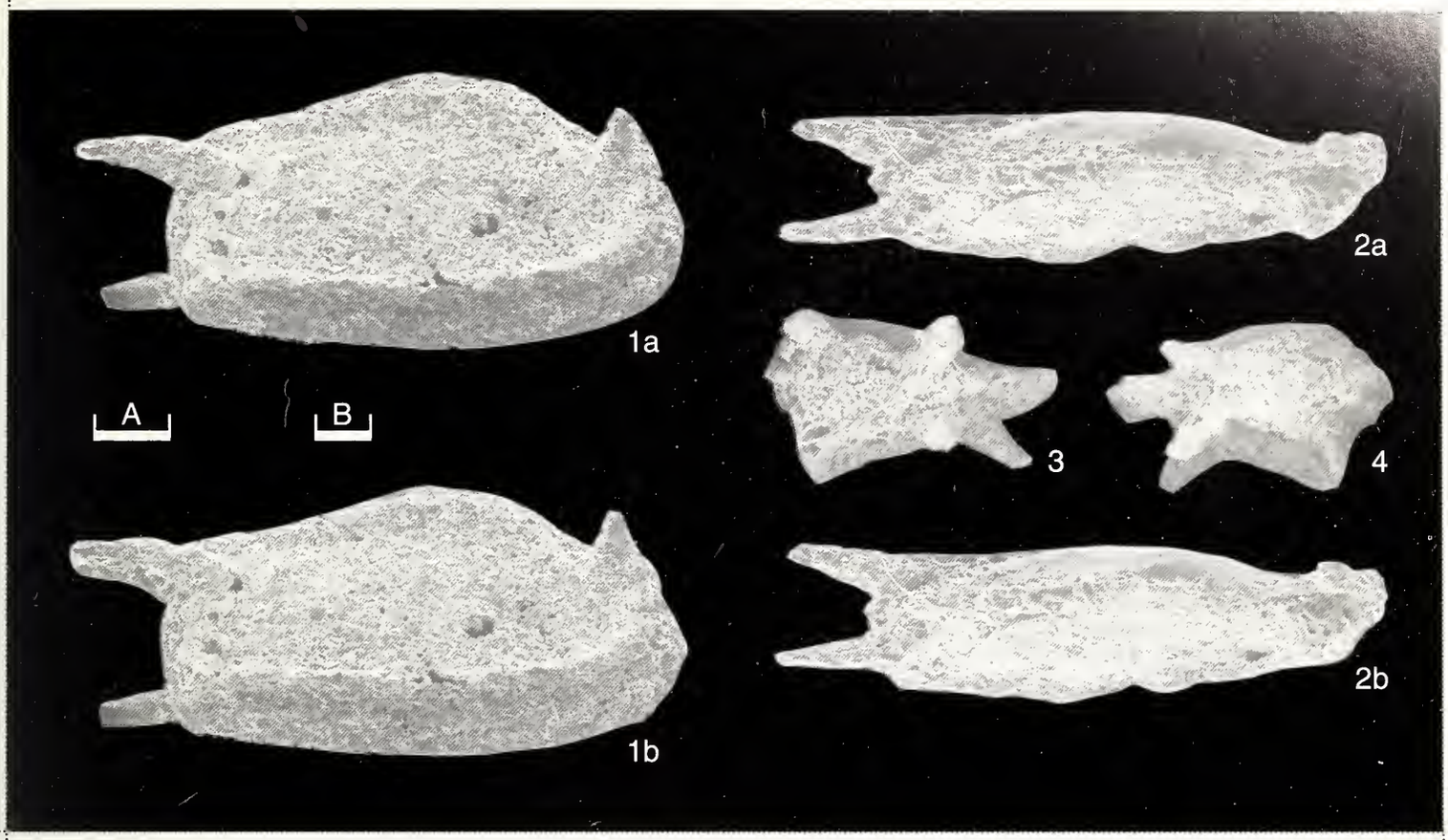
Remarks: *Beckerhealdia circumreptata* is characterised by its strongly developed ridges and spines. The species belongs to Becker's 'Thuringian Ecotype' (G. Becker in: K. Bandel & G. Becker, *Senck. leth.*, **56**, 61, 1975), it is characteristic of low-energy environments and is considered to be nektobenthonic. However, the small volume of the carapace (relatively little carapace convexity) seems indicative of a hemipelagic species, perhaps from basinal biotopes. The same phenomenon was also reported from another Thuringian genus, *Kirkbyites* Johnson, 1936 (Family Amphissitidae Knight, 1928, Superfamily Kirkbyacea Ulrich & Bassler, 1906) by Becker (*J. Micropalaeont.*, **10**, 29, 1991).

Distribution: Known from the Upper Devonian (late Fammenian) Dasberg Formation, *cristata-tergocornuta* ostracod Biozone (*sensu* Blumenstengel, *op. cit.* 29, 1997), Thüringisches Schiefergebirge, Germany.

Acknowledgements: Support of the laboratories of the Johann Wolfgang Goethe-Universität and the Senckenberg Museum, Frankfurt is gratefully acknowledged. This paper forms part of the D.F.G. Project "Faunenvergleich Rhenohercynikum/Saxothuringikum", no. 50.

Explanation of Plate 25, 26

Figs. 1, 3, 4. juv. LV (paratype, **Xe 18542**, 625 µm long): fig. 1, dors. obl.; fig. 3, dors.; fig. 4, dors. obl. Fig. 2, adult car., vent. (holotype, **Xe 18541**, 830 µm long).
Scale A (100 µm; ×130), figs. 1, 3, 4; scale B (100 µm; ×85), fig. 2.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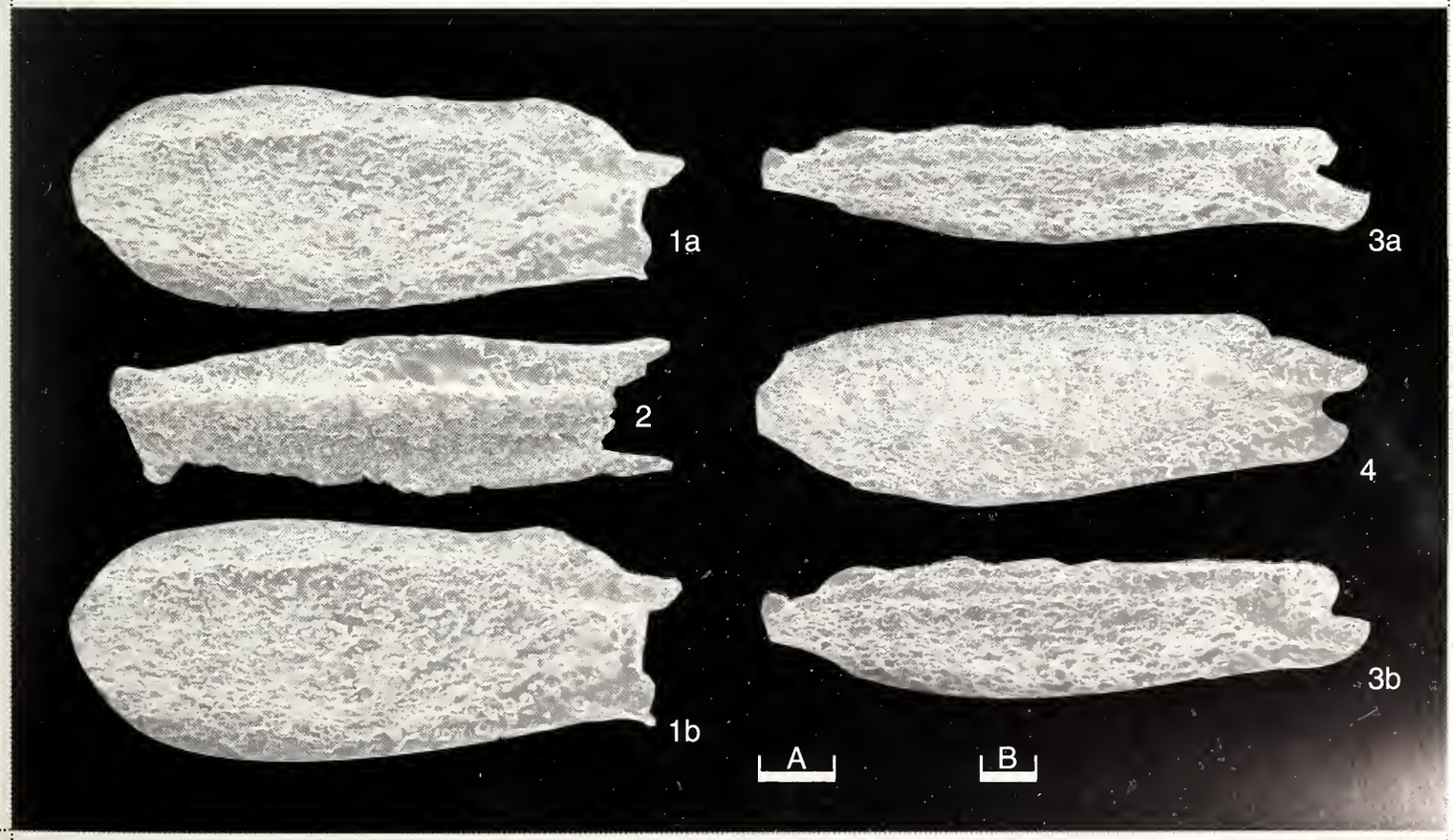
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595.336.13 (113.312) (57 : 161.138.68) : 551.351

ON *EGOROVELLINA OPEROSA* KANYGIN

by Roger E.L. Schallreuter
(University of Hamburg, Hamburg, Germany)

Genus *EGOROVELLINA* Kanygin, 1965

Type species (by original designation): *Egorovellina operosa* Kanygin, 1965

Diagnosis: A large egorovellid with only three vertical lobes in the anterior and central part of the valve. L4 lacking or only weakly developed.

Remarks: *Egorovellina* differs from *Egorovella* Ivanova, 1950 mainly by the absence or weakly developed nature of L4.

Egorovellina exhibits typical egorovellid dimorphism. This kind of sexual dimorphism was called "marginal dimorphism" by Kanygin (*Paleont. Zh.*, **1965**, 59, 1965). Schallreuter (*Geologie*, **15**, 197, 1966) proposed the term "egorovellid dimorphism" to differentiate it from the dimorphism of marginal sculptures *sensu* Jaanusson (*Bull. Geol. Inst. Univ. Uppsala*, **37**, 188, 1957), which often occurs in connection with antral dimorphism, when, for example, the marginal sculpture forms the inner antral fence in admarginal antral dimorphism.

Egorovellid dimorphism is characterised by one dimorph having a broad marginal surface, in the anterior and ventral part of the valve, with ridges parallel to the free margin. The origin of this kind of dimorphism is still unknown. It resembles the kind of dimorphism found in the sigmoopsines, but in egorovellids the areas between the ridges do not appear to represent antra. Egorovellid dimorphism may be a kind of domiciliar dimorphism characterised by a broader domicilium in the anteroventral part of the valve. The ridges may represent "strengthening ridges", as defined by Henningsmoen (*Geol. Fören. Stockholm Förh.*, **86**, 357, 1965).

Occurrence: Middle Ordovician, NE Siberia.

Explanation of Plate 25, 28

Figs. 1–5. ♀ RV (**256/37b**, 4.00 mm long): fig. 1, ext. lat.; fig. 2, ext. vent.; fig. 3, ext ant.; fig. 4, detail of ant. lobe; fig. 5, detail of post. side of ant. lobe.

Scale A (500 µm; ×20), figs. 1, 2; scale B (500 µm; ×18), fig. 3; scale C (100 µm; ×90), fig. 4; scale D (100 µm; ×70), fig. 5.

Egorovellina operosa Kanygin, 1965

1965 *Egorovellina operosa* sp. nov., A.V. Kanygin, *Paleont. Zh.*, **1965**, 70, 71, pl. 8, figs. 5–7.
1967 *Egorovellina operosa* Kanygin; A.V. Kanygin, *Ostrakody ordovika gornoj sistemy Cherskogo*, 85, 86, 126, 127, 138, 139, 151, table 2 (p. 118), pl. 14, figs. 6–8a.
1970 *Egorovellina operosa* Kanygin; *Trudy Inst. geol. geofiz. Sibirsk. otd. Akad. nauk SSSR, (IGiG)*, **71**, 162, pl.1, figs 1, 2.
1986-7 *Egorovellina operosa* Kanygin, 1967A; E.K. Kempf, *Geol. Inst. Univ. Köln Sonderveröff.*, **50**, 328, **51**, 415, **52**, 451.
1990 *Egorovellina operosa* Kanygin; A.V. Ivanova, *Practical manual on microfauna of the USSR*, **4**, 70, 233, pl. 8, fig. 18.

Holotype: Institute of Geology and Geophysics, Siberian branch of the Russian Academy of Sciences, Novosibirsk (IGiG), no. **256/37a**; tecnomorph, right valve.

Type locality: River Khonikukishan, Selennyakh Range, NE Siberia; Kalyshan Formation, middle Ordovician. (approximately 68°N, 138°E).

Figured specimens: Institute of Geology and Geophysics, Siberian branch of the Russian Academy of Sciences, Novosibirsk (IGiG), nos. **256/37a** (tecnomorph, RV: Pl. **25**, 30, figs. 1–4) and **256/37b** (♀ RV: Pl. **25**, 28, figs. 1–5). Both specimens from the type locality.

Diagnosis: Up to 4.00 mm long. Weakly convex, anterior marginal surface in females steep to contact plane. No L4; non-lobate area behind L3 very broad. Lobes narrow; all nearly straight.

Remarks: *E. curvicostata* Kanygin, 1965 (*op. cit.*) is smaller (2.22 mm long) and more convex, with a less steep anterior marginal surface in females. Furthermore, the lobes are broader and the posterior non-lobate area is narrower, L3 is more bowed (1965, pl. 8, figs. 2–4; Kanygin, 1967 *op. cit.*, pl. 14, figs. 3–5a). Kanygin (1965) considered the holotype as male but because of its smaller size (3.35 mm) compared to the female (4.00 mm) this is questionable.

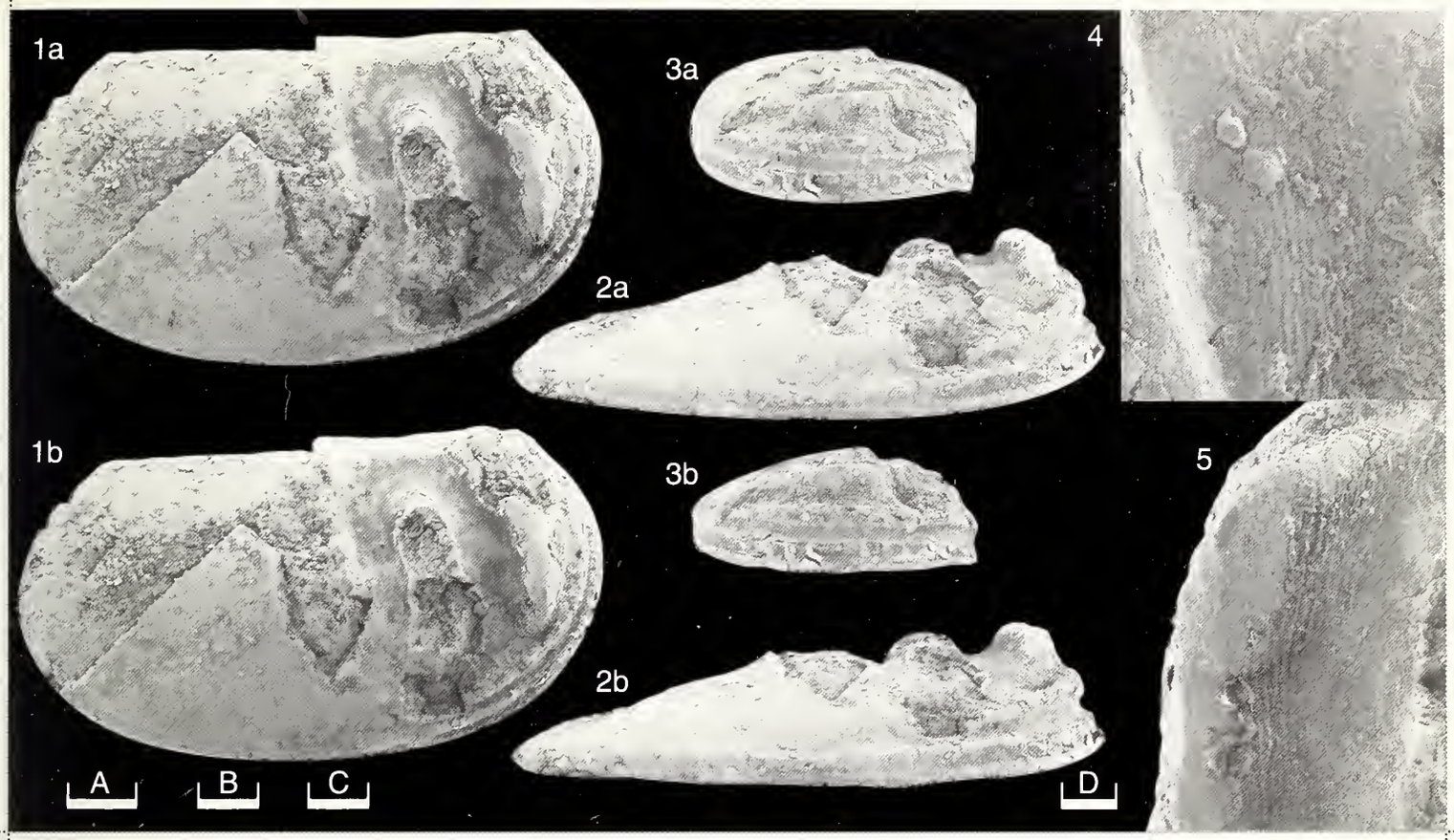
Distribution: Middle Ordovician, Kalyshan Formation. Outcrops along the rivers Khonikukishan, Kalyshan and Oshibkovyj, Selennyakh Range, NE Siberia.

Acknowledgements: I thank Dr. A.V. Kanygin (Russian Academy of Sciences, Novosibirsk) for loan of the type material.

Explanation of Plate 25, 30

Figs. 1–4. tecnomorph RV (holotype; **256/37a**, 3.35 mm long): fig. 1, ext. lat.; fig. 2, ext. vent.; figs. 3,4, vent. obl. detail of ant. lobe (L1) showing details of ornament.

Scale A (500 µm; ×24), figs. 1, 2; scale B (100 µm; ×80), fig. 3; scale C (25 µm; ×290), fig. 4.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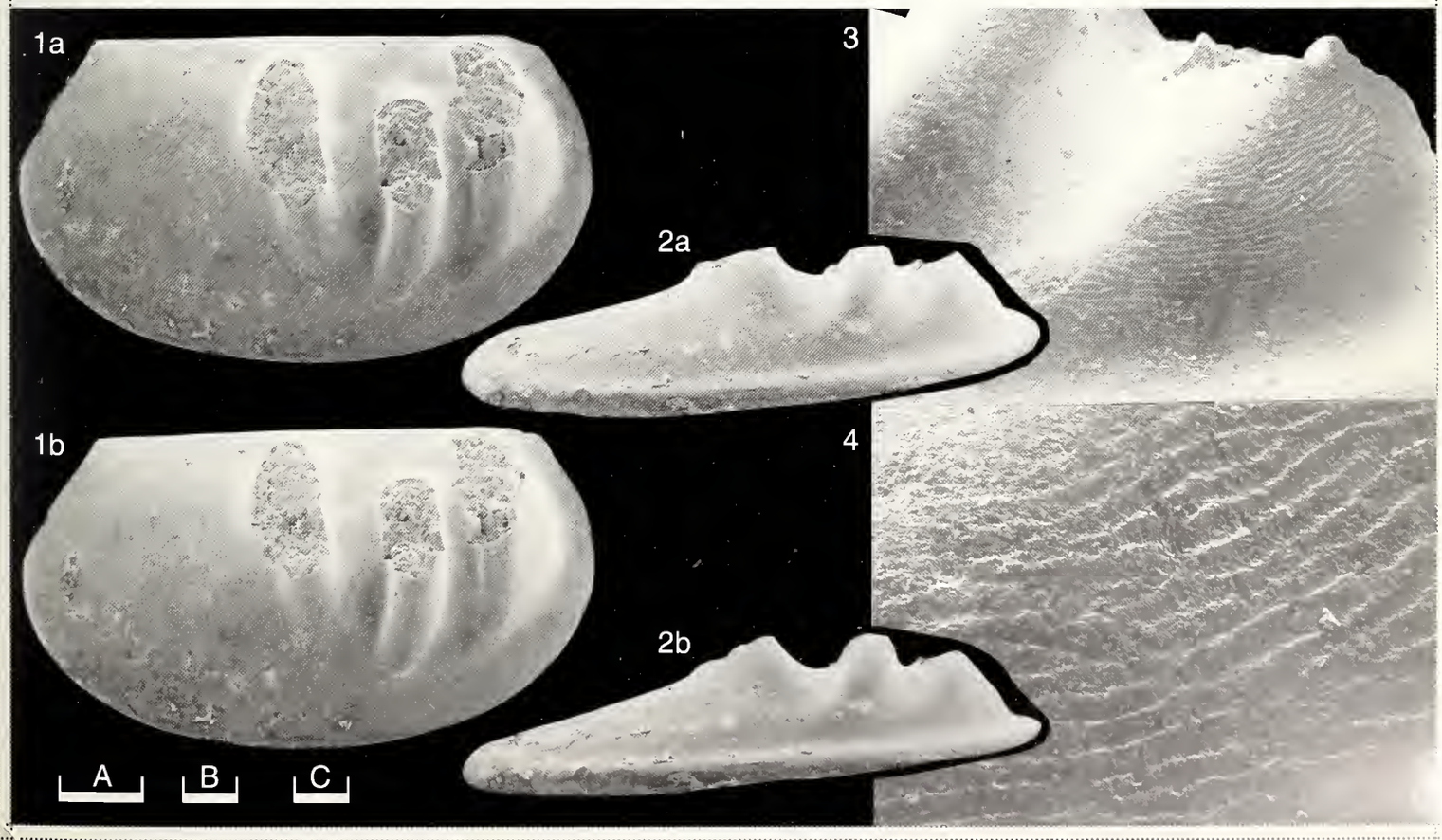
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Stereo-Atlas of Ostracod Shells 25 (7) 31–34 **(1998)**
595.336.12 (113.311) (941:163.125.19): 551.351

ON *BUMIRE PILLOIDES* SCHALLREUTER gen. et sp. nov.

by Roger E.L. Schallreuter
(University of Hamburg, Germany)

Genus *BUMIRE* gen. nov.

Type-species: *Bumire pilloides* sp. nov.

Derivation of name: After the former Bureau of Mineral Resources, Geology and Geophysics, Canberra, A.C.T., Australia.

Diagnosis: Small, amplete to very slightly postplete. Valves of about equal size. lateral surface forms a large u-shaped lobal area (L1–L3) around a shallow, open, mid-dorsal sulcal area. L3 broader than L1; anterior flank of L1 steeper to contact plane than posterior side of L3. Dorsal ends of lobes gently inflated but not protruding over the straight hinge-line; they are especially distinct in larvae (giving them an appearance like the genus *Pilla*). A tiny pre-adductorial node (L2) branches from L1 into the sulcus, dividing the sulcus into S1 and a slightly deeper S2. No adventral sculptures present, except for a narrow flange (ventrally) or ridge near free margin. Surface reticulate.

Remarks: *Bumire* resembles the pilline *Eodominina* Schallreuter with which it may occur. In *Eodominina* L2 is also tiny but L1 and L3 are more distinctly developed and more spine-like at the dorsal margin. Furthermore, the sulcal area between the lobes is, relatively, much deeper (compare Pl. **25**, 32, fig. 4 and R.E.L. Schallreuter, *Stereo-Atlas Ostracod Shells*, **20**, 124, fig. 3, 1993).

Bumire is possibly a primitive pilline. However, it also resembles certain 'leperditellocopes'; it is more like forms such as *Ectoprimitioides* Berdan (see *New Mexico Bureau Mines Miner. Resources Mem.*, **44**, 278, 1988) and is less like the typical non-sulcate forms such as *Leperditella* and *Primitiella*. Compared with *Bumire*, *Ectoprimitioides* is more elongate, less rounded and has a relatively longer hinge-line (see J.C. Kraft, *Geol. Soc. Amer. Mem.*, **86**, pl. 6, figs. 1–5, 1962)

Occurrence: Lower Ordovician, Australia.

Explanation of Plate 25, 32

Fig. 1. LV ext. lat. (paratype, **23063**, 635 µm long). Fig. 2, LV ext. lat. (paratype, **MB O.234**, 610 µm long). Fig. 3, RV ext. lat. (paratype, **23060**, 535 µm long). Fig. 4, car. ext. dors. (holotype, **23058**, 540 µm long).
Scale A (100 µm; ×85), figs. 1, 2; scale B (100 µm, ×100), figs. 3, 4.

Bumire pilloides sp. nov.

Holotype: Commonwealth Palaeontological Collection, Canberra, A.C.T., Australia (CPC), no. **23058**, carapace.
[Paratypes: CPC nos. **23059–23064**; Museum für Naturkunde, Berlin (MB) nos. **O.234–O.236**].

Type locality: Type section of the lower Ordovician Emanuel Formation at Prices Creek, northern Western Australia; lat. 18°35′48″N, long. 125°53′0″E; middle part of the Emanuel Formation (exact horizon not yet defined); possibly the lower part of the Arenig Series.

Derivation of the name: With reference to the similarity of the two bulb-like lobes of some juveniles with the morphology of the sometimes co-occurring pilline genus *Eodominina*.

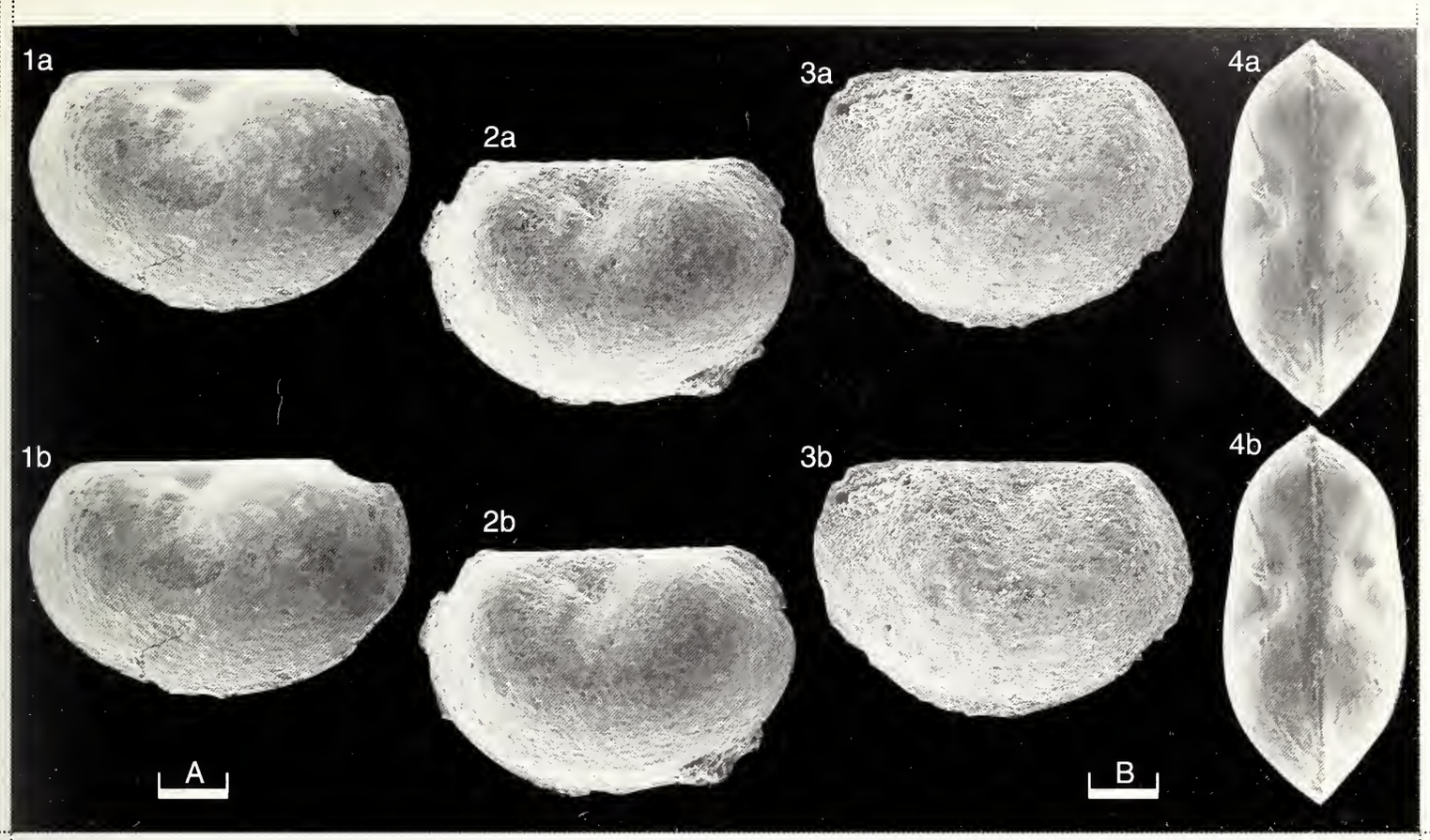
Diagnosis: As for the genus, which is currently monotypic.

Figured specimens: Commonwealth Palaeontological Collection, Canberra, A.C.T., Australia (**CPC**), nos. **23058** (holotype, car.: Pl. **25**, 32, fig. 4), **23059** (paratype, RV: Pl. **25**, 34, fig. 1), **23060** (paratype, RV: Pl. **25**, 32, fig. 3), **23061** (paratype, car.: Pl. **25**, 34, fig. 4), **23062** (paratype, RV: Pl. **25**, 34, fig. 3) and **23063** (paratype, LV: Pl. **25**, 32, fig. 1). Museum für Naturkunde, Berlin (MB) nos. **O.234** (paratype, LV: Pl. **25**, 32, fig. 2) and **O.235** (paratype, RV: Pl. **25**, 34, fig. 2).

Distribution: Known with certainty only from the middle part of the Emanuel Formation, possibly lower Arenig, lower Ordovician, at the type locality.

Explanation of Plate 25, 34

Fig. 1, LV ext. lat. (paratype, **23063**, 635 µm long). Fig. 2, LV ext. lat. (paratype, **O.234**, 610 µm long). Fig. 3, RV ext. lat. (paratype, **23060**, 535 µm long). Fig. 4, car. ext. dors. (holotype, **23058**, 540 µm long).
Scale A (100 µm; ×85), figs. 1, 2; scale B (100 µm ; ×100), figs. 3, 4.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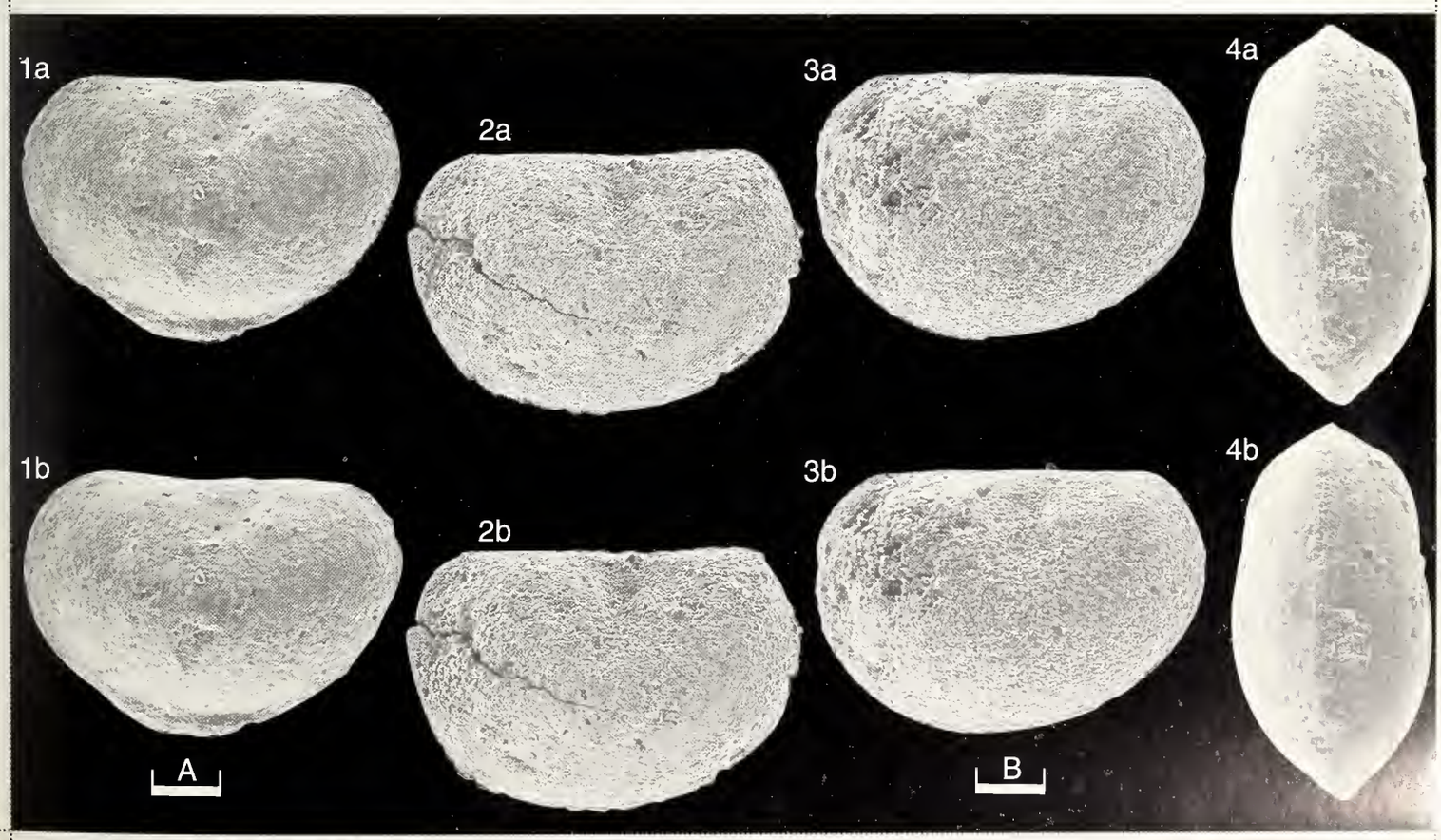
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595.336.21 (113.51) (510:161.106.25): 551.35

ON *MUHUAELLA SPINOSA* OLEMPSKA gen. et sp. nov.

by Ewa Olempska
(Institute of Paleobiology, Warszawa, Poland)

Genus *MUHUAELLA* gen. nov.

Type-species: *Muhuaella spinosa* sp. nov.

Derivation of name: From Muhua, the type locality. Gender, feminine.

Diagnosis: Medium sized Cavellinidae. Right valve larger. Anterior end much higher than posterior. Broad and shallow S2. Distinct centroventral lobe, terminating in a posteriorly directed spine. Narrow adventral ridge entire in male carapaces, absent at posterior end in females. Adductor muscle-scar field consists of numerous small scars. Hinge structure confluent anteriorly and posteriorly with contact groove. Dimorphism of kloedenellid type, with distinct limen in females. Juvenile specimens have spine in anterodorsal corner of right valve. Valve surface smooth. No calcified inner lamella present.

Remarks: Right, holosolenic, larger valve and multiple muscle scars indicate the cavellinid affinities of this species. In lateral view *Muhuaella* is similar to *Kloedenellitina* Egorov (V.G. Egorov, *Ostracoda from the Frasnian stage of the Russian Platform. Part 1: Kloedenellidae*. 1–175. Moscow, 1950), which was assigned to the Family Beyrichiopsidae Henningsmoen, 1953 by Sohn (in: R.C. Moore, *Treatise on Invertebrate Paleontology*, **Q185**, 1961). *Muhuaella* is distinguished from *Kloedenellitina* in having a strongly inflated centroventral lobe with a posteroventral spine and in having a different hinge structure confluent with the contact groove.

Explanation of Plate 25, 36

Fig. 1. ♀ car. lt. lat. (holotype, **O.XLV/101**, 1200 µm long). Fig. 2. car. juv. dors. (**O.XLV/102**, 960 µm long). Fig. 3. ♀ car. dors. (**O.XLV/103**, 1200 µm long). Fig. 4. ♂ car. lt. lat. (**O. XLV/104**, 1080 µm long). Fig. 5. ♀ car. vent. (**O.XLV/105**, 1090 µm long). Fig. 6. ♂ car. vent. (**O.XLV/106**, 1040 µm long).
Scale (500 µm; ×43), figs. 1–6.

Muhuaella spinosa sp. nov.

Holotype: Institute of Paleobiology, Polish Academy of Sciences, Warszawa (ZPAL) no. **O.XLV/101**: ♀ carapace.

Type locality: Muhua, Guizhou province, South China, lat. 25°46′N, long. 106°23′E; *Siphonodella* crenulata Zone, Dawuba Formation, Tournaisian, early Carboniferous.

Derivation of the name: From Latin spina – spine, referring to the posteroventral spine.

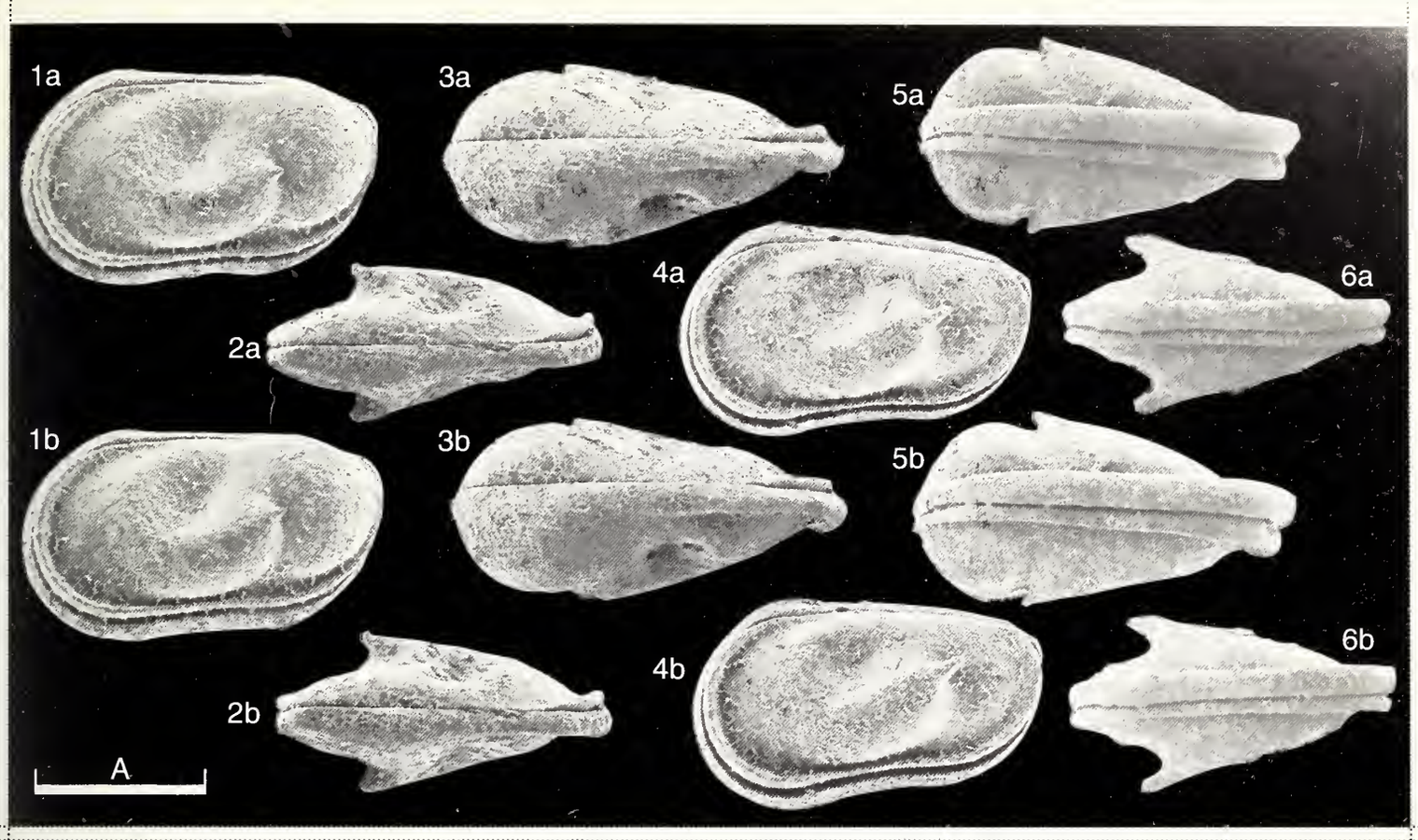
Diagnosis: As for the genus, which is currently monotypic.

Figured specimens: Institute of Paleobiology, Polish Academy of Sciences, Warszawa (ZPAL) nos. **O.XLV/101** (holotype, ♀ car.: Pl. **25**, 36, fig. 1), **O.XLV/102** (car. juv.: Pl. **25**, 36, fig. 2), **O.XLV/103** (♀ car.: Pl. **25**, 36, fig. 3), **O.XLV/104** (♂ car.: Pl. **25**, 36, fig. 4), **O.XLV/105** (♀ car.: Pl. **25**, 36, fig. 5), **O.XLV/106** (♂ car.: Pl. **25**, 36, fig.6), **O.XLV/107** (♀ RV: Pl. **25**, 38, fig. 1), **O.XLV/108** (♀ LV: Pl. **25**, 38, fig. 2), **O.XLV/109** (♂ RV: Pl. **25**, 38, fig. 3), **O.XLV/110** (car. juv.: Pl. **25**, 38, fig. 4), **O.XLV/111** (♂ LV: Pl. **25**, 38, fig. 5). All of the figured specimens are from the type level and locality (Mu-42). Muhua, South China; early Carboniferous, Tournaisian. The material is silicified.

Distribution: Known only from the type locality, early Carboniferous, China.

Explanation of Plate 25, 38

Fig. 1. ♀ RV int. lat. (**O.XLV/107**, 1200 µm long). Fig. 2. ♀ LV int. lat. (**O.XLV/108**, 1120 µm long). Fig. 3. ♂ RV int. lat. (**O.XLV/109**, 1000 µm long). Fig. 4. car. juv. lt. lat. (**O.XLV/110**, 920 µm long). Fig. 5. ♂ LV int. lat. (**O.XLV/111**, 960 µm long).
Scale (500 µm; ×43), figs. 1–5.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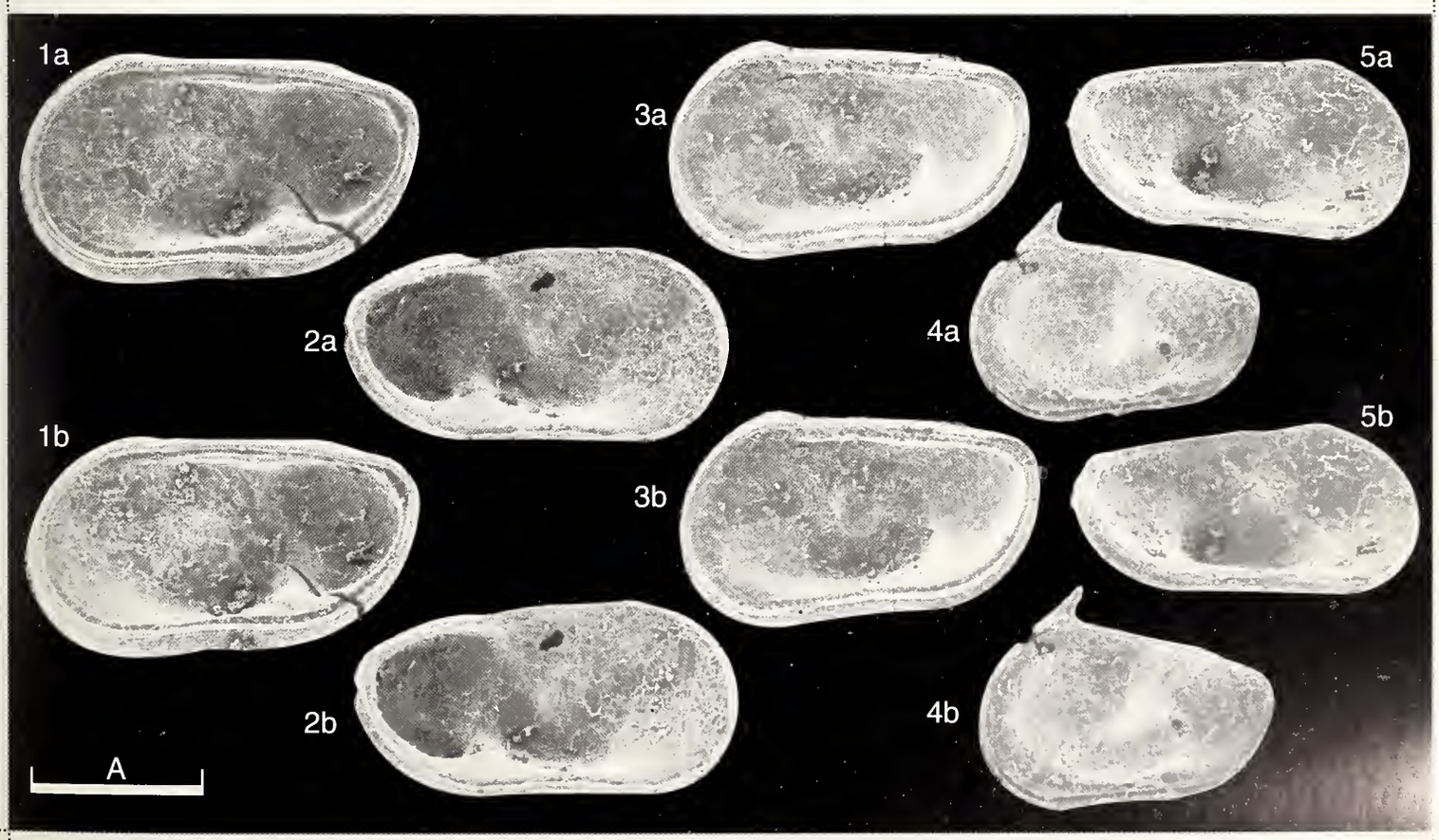
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595.337.14 (113.51) (510:161.106.25): 551.35

ON *EDITELLA DAWUBAENSIS* OLEMPSKA gen. et sp. nov.

by Ewa Olempska
(Institute of Paleobiology, Warszawa, Poland)

Genus *EDITELLA* gen. nov.

Type-species: *Editella dawubaensis* sp. nov.

Derivation of name: Diminutive, from *Editia* Brayer, 1986, a closely related genus. Gender, feminine.

Diagnosis: Small Editiidae genus, with left valve slightly larger than right. Dorsal margin long; lobal area curves slightly above hinge line; ventral margin slightly sinuate at mid-length. Dorsal and ventral margins nearly parallel. Anterior margin rounded, posterior less so. Dorsal ridge extends from anterodorsal part of valve, subparallel to dorsal margin for 3/4 of total valve length then curves posteriorly. Submarginal ridge developed near to free margin anteriorly, ventrally and posteriorly. Eye tubercle poorly developed. Duplicature broad anteriorly, narrow ventrally. Vestibulum shallow, only present anteriorly. Central muscle field comprises a group of five elongated scars arranged in a vertical row. Crenulated contact groove impressed in inner lamella of left valve. Hinge merodont. Valve surface reticulate.

Remarks: In contrast to *Editia* Brayer (*J. Paleont.*, **26**, 162–74, 1952), *Adeditia* Gramm & Egorov (*Paleontol. Zh.*, **2**, 50–60, 1986) and *Proeditia* Buschmina (*in*: K.W. Simakov (ed.), *XIV Pacific Science Congress. Field Excursion Guidebook for tour IX. Biostratigraphy and fauna of the Devonian-Carboniferous boundary deposits*, suppl. **5**, 5–70, Magadan, 1979), *Editella* lacks carinae on its surface. In its lateral valve outline and in possessing a dorsoposterior ridge *Editella* is similar to *Editia albertensis* Green (*Bull. Res. Counc. Alberta*, **11**, 1–237, 1963), but differs in lacking anterior and anteroventral carinae.

Explanation of Plate 25, 40

Fig. 1. car. rt. lat. (holotype, **O.XLV/201,** 600 μm long). Fig. 2. car. vent. obl. (**O.XLV/202**, 600 μm long). Fig. 3. car. dors. (**O.XLV/203**, 640 μm long). Fig. 4. car. vent. (**O.XLV/204**, 560 μm long).
Scale A (200 μm; ×103), figs. 1–4.

Editella dawubaensis sp. nov.

Holotype: Institute of Paleobiology, Polish Academy of Sciences, Warszawa (ZPAL) no. **O.XLV/201**: carapace.

Type locality: Muhua, Guizhou province, South China; lat. 25°46′0″N, long. 106°23′0″E; *Siphonodella crenulata* Zone, Dawuba Formation, Tournaisian, early Carboniferous.

Derivation of the name: From Dawuba Formation, the type horizon.

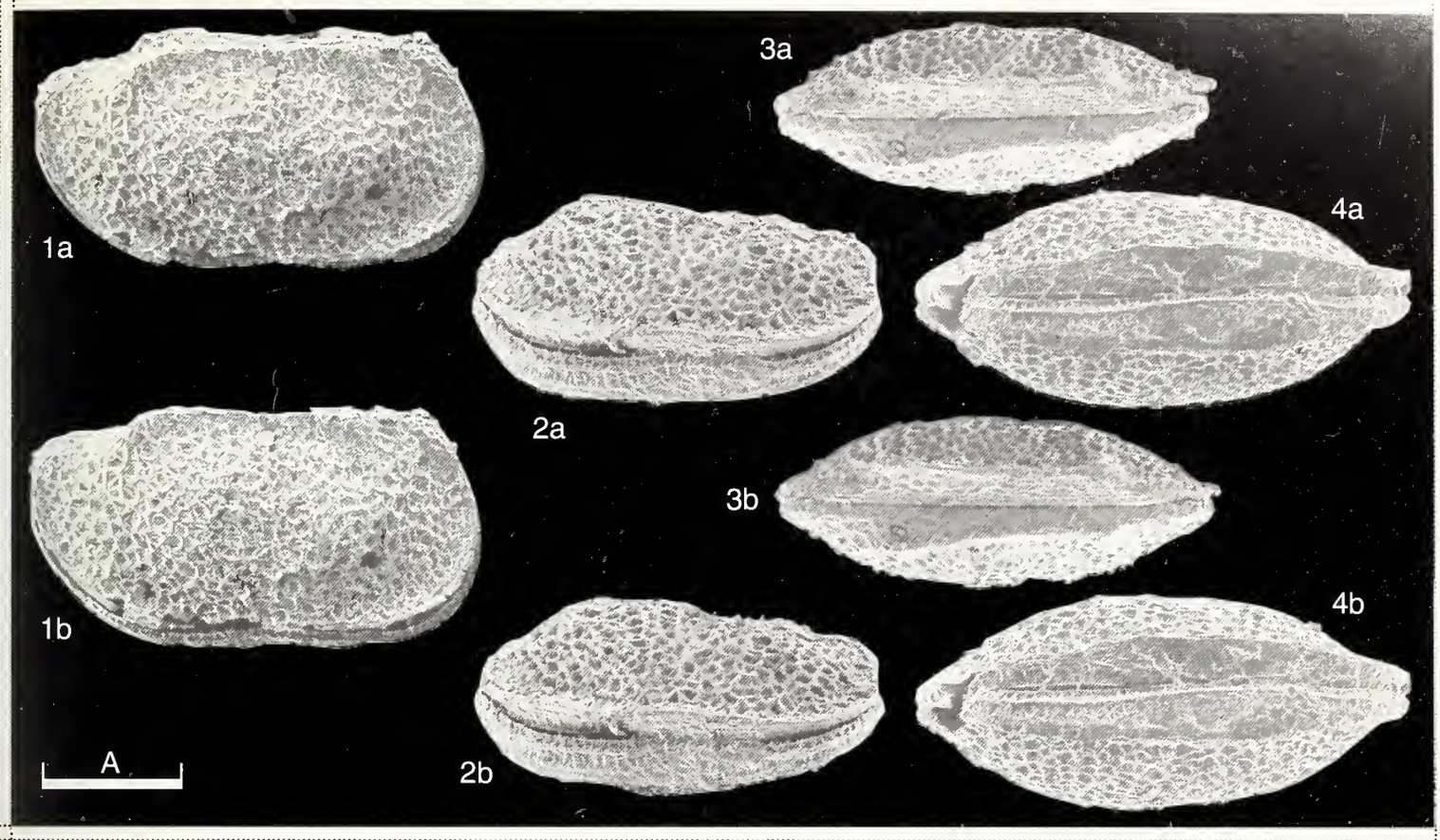
Diagnosis: As for the genus, which is currently monotypic.

Figured specimens: Institute of Paleobiology, Polish Academy of Sciences, Warszawa (ZPAL) nos. **O.XLV/201** (holotype, car.: Pl. **25**, 40, fig. 1), **O.XLV/202** (car.: Pl. **25**, 40, fig. 2), **O.XLV/203** (car.: Pl. **25**, 40, fig. 3), **O.XLV/204** (car.: Pl. **25**, 40, fig. 4), **O.XLV/205** (LV: Pl. **25**, 42, fig. 1), **O.XLV/206** (RV: Pl. **25**, 42, fig. 2), **O.XLV/207** (RV: Pl. **25**, 42, fig.3). All of the figured specimens are from the type level and locality (sample Mu-42). Muhua, South China; Tournaisian, early Carboniferous. The material is silicified.

Distribution: Known only from the type locality, early Carboniferous, China.

Explanation of Plate 25, 42

Fig. 1. LV int. lat. (**O.XLV/205**, 560 μm long). Fig. 2. RV int. lat. (**O.XLV/206**, 680 μm long). Fig. 3. LV int. lat. (**O.XLV/207**, 720 μm long).
Scale (200 μm; ×103), figs. 1–3.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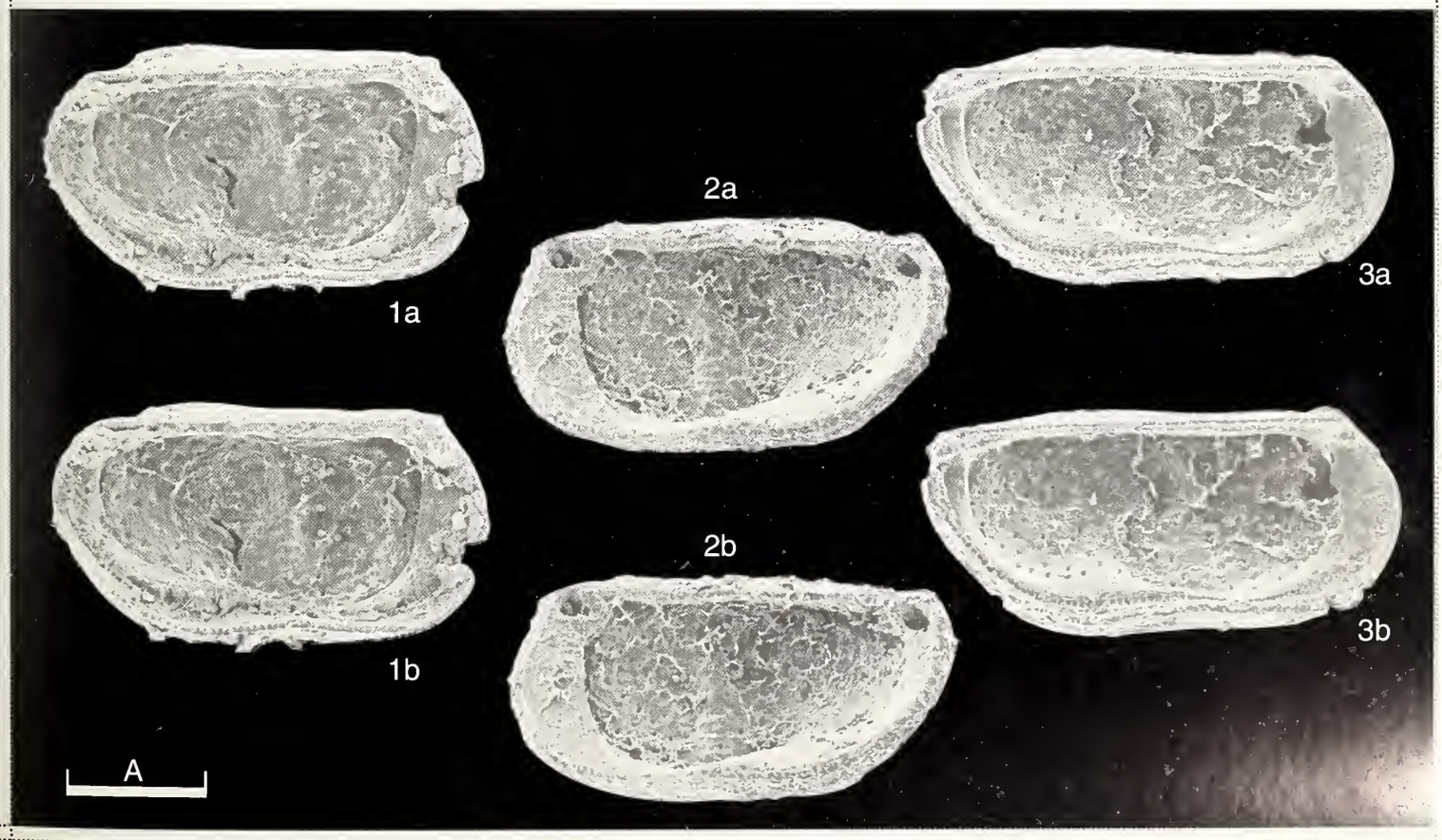
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595.337.1 (119.9) (520 : 161.144.43 + 268.7 : 162.146.70 + 147.70 + 149.71) : 551.351

ON *SCHIZOCYTHERE IKEYAI* TSUKAGOSHI & BRIGGS sp. nov.

by Akira Tsukagoshi and William M. Briggs, Jr.
(The University Museum, The University of Tokyo, Japan,
and Institute of Arctic and Alpine Research, University of Colorado, USA)

Schizocythere ikeyai sp. nov.

1987 *Schizocythere okhotsukensis* Hanai; T. M. Cronin, & N. Ikeya, *J. Micropalaeontol.*, **6**, 86, pl. 2, fig. 14.
1990 *Schizocythere* sp. A; E. M. Brouwers, *U. S. Geol. Surv. Prof. Pap.*, **1510**, 18, pl. 1, fig. 14, pl. 5, figs. 10, 11.
1992 *Schizocythere* sp.; N. Ikeya, B.-C. Zhou, & J. Sakamoto, *Centenary of Japanese Micropaleontology*, **11**, figs. 14, 15.
1996 *Schizocythere* sp. 1; H. Ozawa, *Sci. Rep. Kanazawa Univ.*, **41**, pl. 8, fig. 10.

Holotype: The University Museum, The University of Tokyo (UMUT) no. **RA 27688**; ♂ carapace with soft parts (Length=0.66 mm, Height=0.40 mm). [Paratypes: nos. **RA 27689–27698**, **27773–27777**].

Type locality: Nakase, Akkeshi Bay, eastern Hokkaido, Japan (ca. 43°0′N, 144°48′E), bottom sediment, ca. 10 m water depth.

Figured specimens: The University Museum, The University of Tokyo (UMUT) nos. **RA 27688** (♂ car. with soft parts: Pl. **25**, 44, Figs. 1, 2, Text-fig. 1 A, B, E, Text-fig. 2 A–D, F, G), **RA 27689** (♂ car.: Pl. **25**, 44, Figs. 3, 4), **RA 27690** (♀ car.: Pl. **25**, 46, Figs. 1, 2, Pl. **25**, 50, Figs. 7, 8), **RA 27691** (♀ car.: Pl. **25**, 46, Fig. 3), **RA 27692** (♀ car.: Pl. **25**, 46, Fig. 4), **RA 27693** (♀ RV: Pl. **25**, 48, Fig. 1, Pl. **25**, 50, Figs. 1, 2, 5), **RA 27694** (♀ LV: Pl. **25**, 48, Fig. 2, Pl. **25**, 50, Figs. 3, 4, 6, 9), **RA 27695** (♂ car.: Pl. **25**, 48, Fig. 3), **RA 27696** (A-1 RV: Pl. **25**, 48, Fig. 4), **RA 27697** (A-1 LV: Pl. **25**, 48, Fig. 5), **RA 27698** (♀ car. with soft parts: Text-fig. 1 C, D, Text-fig. 2 E), **RA 27773** (♀ RV: Pl. **25**, 51, Figs. 1, 6) and **RA 27777** (A-3 RV: Pl. **25**, 51, Fig. 5) from Beaufort Sea, 70°34.9′N, 145°36.0′W, ca 37 m water depth, **RA 27774** (A-1 LV: Pl. **25**, 51, Figs. 2, 7) from Beaufort Sea, 70°55.5′N, 146°30.0′W, ca 109 m water depth, **RA 27775** (A-1 RV: Pl. **25**, 51, Fig. 3) from Beaufort Sea, 70°34.4′N, 146°33.0′W, ca 36 m water depth, **RA 27776** (A-3 LV: Pl. **25**, 51, Fig. 4) from Beaufort Sea, 71°10.9′N, 148°32.0′E, ca 37 m water depth. All specimens from the type locality unless otherwise stated.

Explanation of Plate 25, 44

Fig.1, ♂ RV, ext. lat. (Holotype: **RA 27688**). Fig. 2, ♂ LV, ext. lat. (Holotype: **RA 27688**). Fig. 3, ♂ RV, ext. lat. a smooth ornamented form (Paratype: **RA 27689**). Fig. 4, ♂ LV, ext. lat. a smooth ornamented form (Paratype: **RA 27689**). Figs. 1 and 2 are SEM non-coated specimens. All specimens were collected from the type locality.
Scale A (200 μm; ×89), figs. 1, 2; scale B (200 μm; ×89), figs 3, 4.

Derivation of name: In honour of Prof. Noriyuki Ikeya, Shizuoka University.

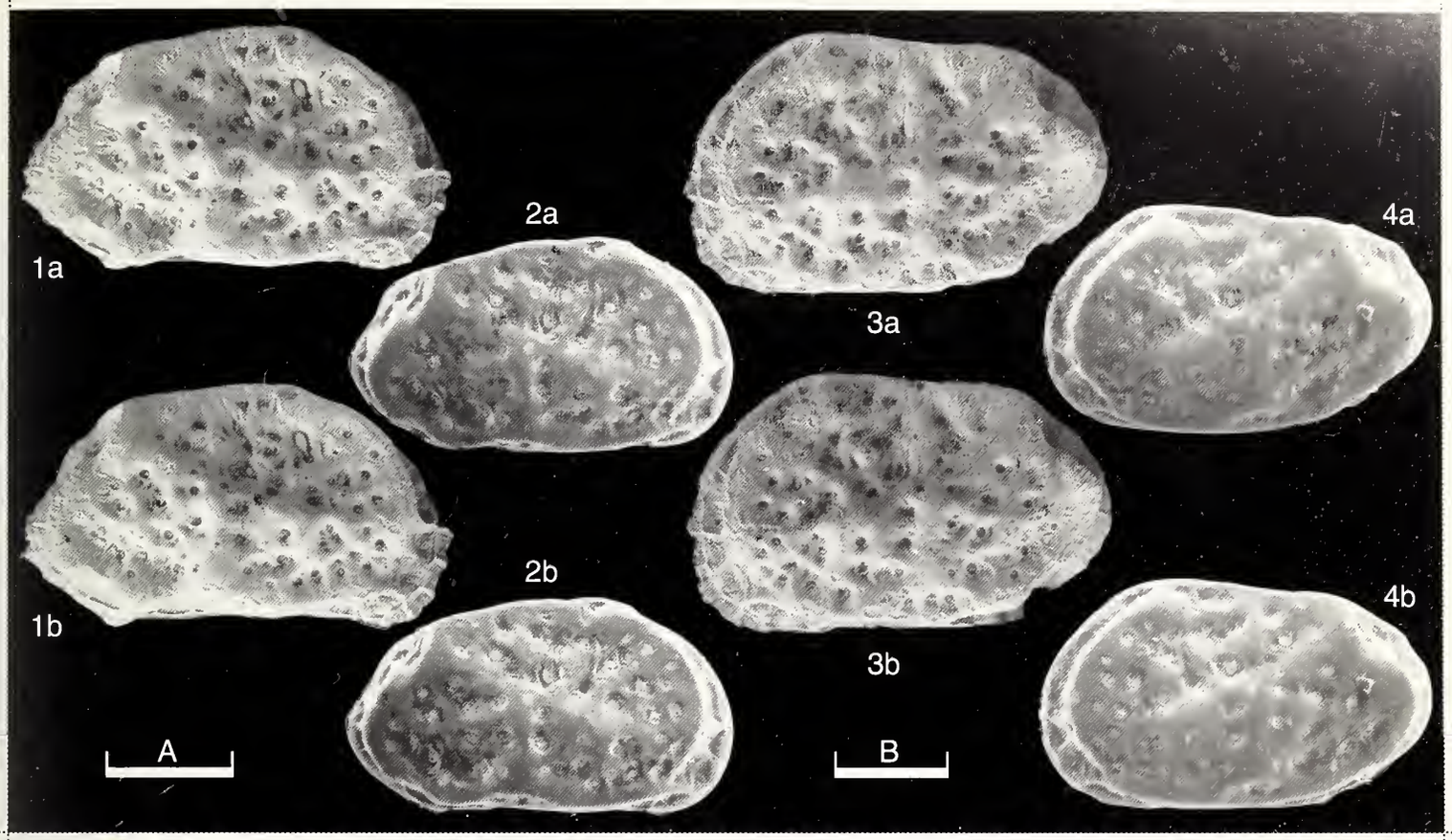
Diagnosis: A species of *Schizocythere* with relatively rounded lateral outline, distinct marginal ridges except for dorsal area and an inconspicuous central ridge on well calcified and thick carapace. Numbers of funnel-type and sieve-type pores are 13 and about 66, respectively (the typical distribution pattern of lateral pore systems is shown in Text-fig. 3). In male copulatory organs, outer lobes (supporting lobe) are very thin ventrally, thick distally and dorsally. Distal end of outer lobe stout, curved and tapered to a point in left hemipenis, smaller in right. *Ductus ejaculatorius* almost straight, tip does not extend beyond edge of hemipenis.

Remarks: Wide variations in carapace ornamentation are shown (pls. **25**, 44 and **25**, 51). For example, the Beaufort Sea specimens (Pl. **25**, 51, Fig. 1), particularly the adults, are more costate than either of the two Hokkaido forms (Pl. **25**, 44, Figs.1, 2 and 3, 4), as indicated by the well-developed median lateral ridge (connecting with anterior and posterior marginal ridges), which is absent from the Hokkaido forms. The smooth Hokkaido form (Pl. **25**, 44, Figs 3, 4) has a subdued reticulum with broad mural elements, with the muri in the anteroventral and ventral sectors of the lateral field widened laterally at the expense of some of the sola. The muri of the reticulum of the 'more reticulate' Hokkaido form (Pl. **25**, 44, Figs. 1, 2), such as the holotype, are more pronounced, less extended laterally, while the sola have secondary reticulation. However, the shape of male copulatory organ (Text-fig. 2 F, G) in the Hokkaido specimens, and distributional pattern of lateral pore system (Text-fig. 3) in Hokkaido and Beaufort Sea specimens are remarkably stable. The distribution pattern of lateral pore system was compared with *S. kishinouyei* and *S. okhotskensis* which are closely related species and clear differences were shown by Tsukagoshi & Kamiya (*Biol. Jour. Linn. Soc.* **57**, 350, Fig 4, 1996; where the present species was figured as *Schizocythere* sp. 1). In Japan, this species ranges from the Late Pliocene to Recent. Following the Pleistocene, it became widely distributed in the North Pacific and western Arctic Oceans (Text-fig. 4).

Acknowledgements: The authors express their deep appreciation to Prof. N. Ikeya (the Shizuoka University) for access to his extensive collections; to Mr. Y. Takashima (the Hokkaido University) for his kind help in collecting samples at the type locality; to Drs. E. Reimnitz and P. Barnes (U. S. Geological Survey) and B. Pelletier, G. Vilks and F. Wagner (Geological Survey of Canada) for collecting and permission to use the samples from the Beaufort Sea. Discussions with Dr. Q. Siddiqui (Saint Mary's University, Halifax) were helpful. The staff members of the Akkeshi Marine Biological Station provided various amenities to the first author. This study was supported in part by the Grant-in-Aid for Scientific Research (Nos. 04740443 and 09740636) of the Ministry of Education, Science and Culture, Government of Japan (to the first author); and in part by grants from the Geological Survey of Canada, the National Science Foundation (DPP-81-06802) and the U. S. Geological Survey (to the second author).

Explanation of Plate 25, 46

Fig 1, ♀ RV, ext. lat. (Paratype: **RA 27690**). Fig. 2, ♀ LV, ext. lat. (Paratype: **RA 27690**). Fig. 3, ♀ ext. ant. (Paratype: **RA 27691**). Fig. 4, ♀ ext. dor. (Paratype **RA 27692**). All specimens were collected from the type locality.
Scale A (200 μm; ×89), figs 1–4.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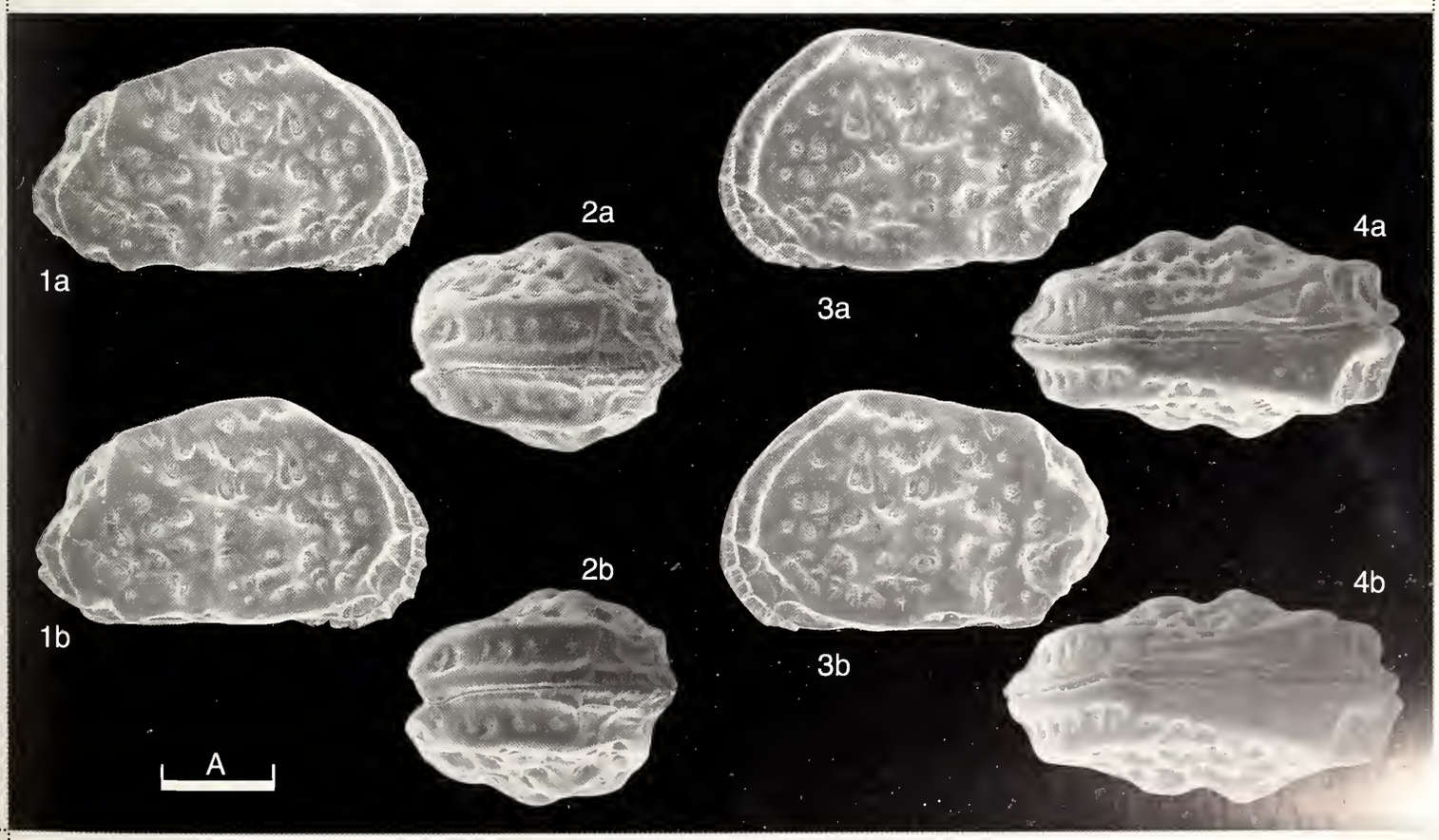
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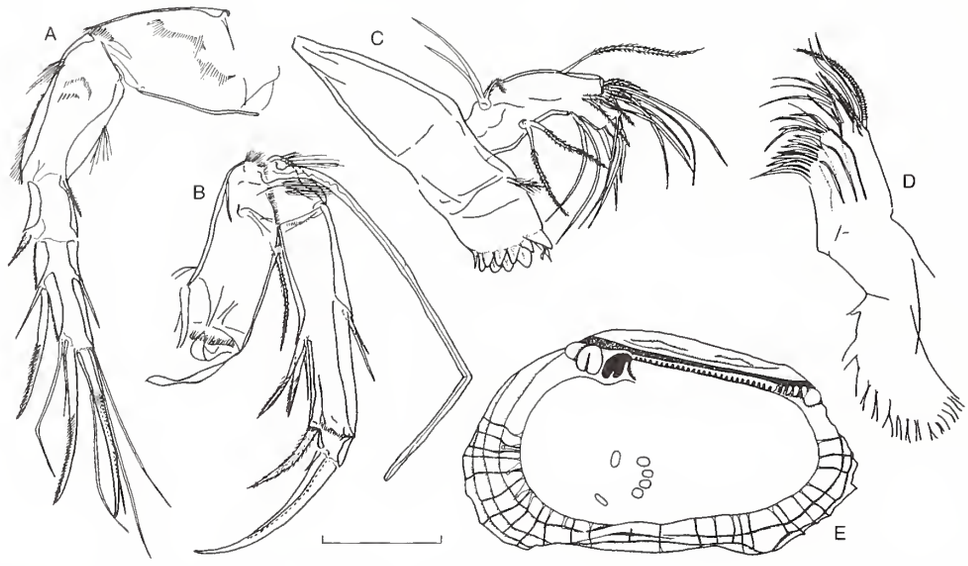


Text-fig. 1. Appendages of *S. ikeyai*. A, antennule. B, antenna. C, mandible. D, maxilla. E, int. view of RV by transmitted light. Figs. A, B, E from **RA 27688** (♂, Holotype), Figs. C, D from **RA 27698** (♀, Paratype).
Scale bar 50 μm for A–D, 200 μm for E.

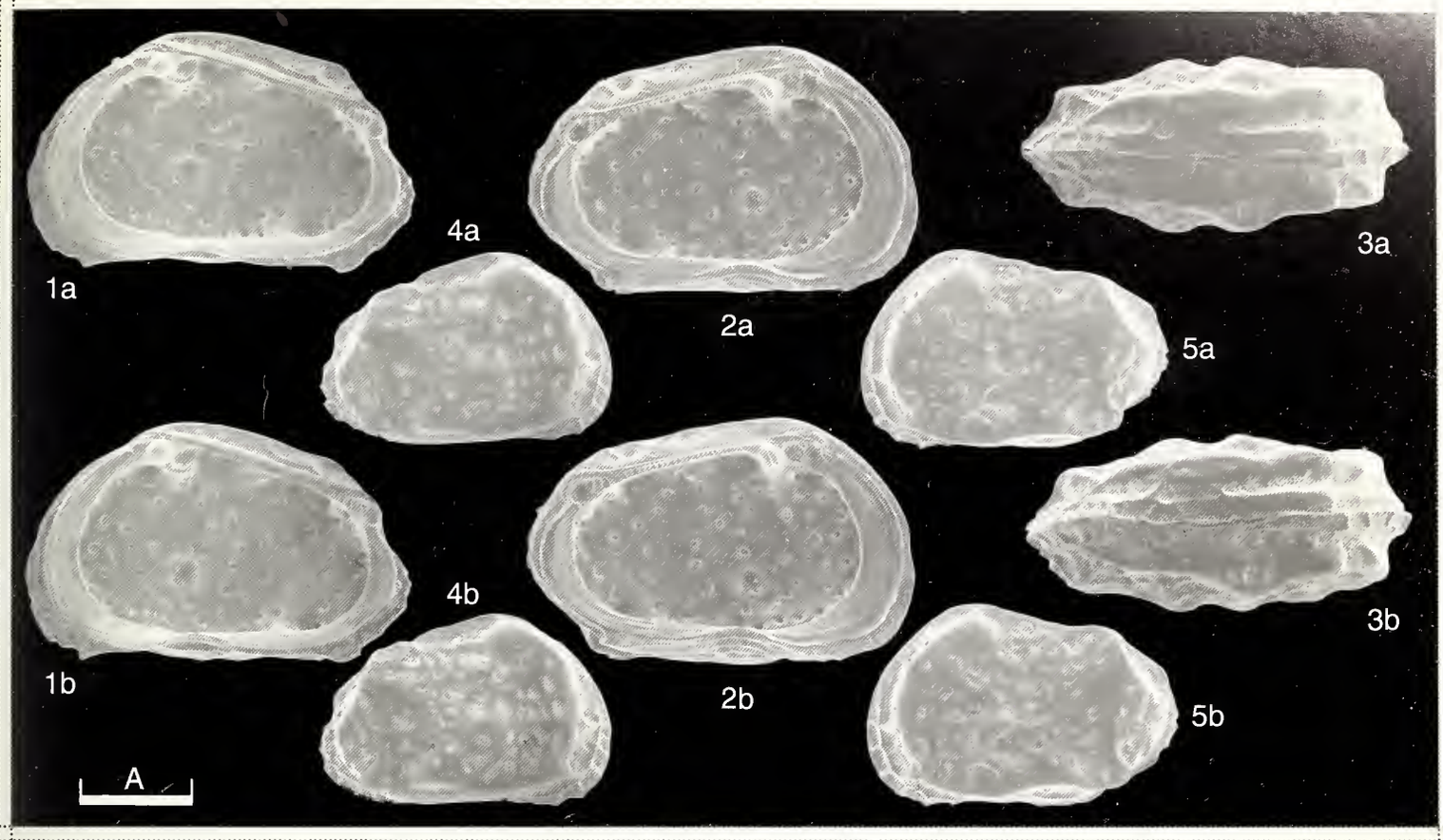
Explanation of Plate 25, 48

Fig.1, ♂ RV, int. lat. (Paratype: **RA 27693**). Fig. 2, ♂ LV, int. lat. (Paratype: **RA 27694**). Fig. 3, ♂ ext. vent. (Paratype: **RA 27695**). Fig. 4, A-1 RV, ext. lat. (**RA 27696**). Fig. 5, A-1 LV, ext. lat. (**RA 27697**). All specimens were collected from the type locality.
Scale A (200 mm; ×89), figs 1–5.

Text-fig. 2. Appendages of *S. ikeyai*. A, brush-shaped organ. B, first thoracic leg. C, second thoracic leg. D, third thoracic leg. E, female genitalia and caudal rami. F, left male copulatory organ. G, distal end of right male copulatory organ. Figs A–D, F, G from **RA 27688** (♂, Holotype), E from **RA 27698** (♀, Paratype). Scale bar indicates 50 μm for A–G.

Explanation of Plate 25, 50

Fig 1, Anterior element of hingement on RV (Paratype: **RA 27693**). Fig. 2, Posterior element of hingement on RV (Paratype: **RA 27693**). Fig. 3, Anterior element of hingement on LV (Paratype, **RA 27694**). Fig. 4, Posterior element of hingement on LV (Paratype, **RA 27694**). Fig. 5, Central muscle scars on RV (Paratype: **RA 27693**). Fig. 6, Central muscle scars on LV (Paratype: **RA 27694**). Fig. 7, Funnel-type pore system (Paratype: **RA 27690**). Fig. 8, Sieve-type pore system (Paratype: **RA 27690**). Fig. 9, Internal view of sieve-type pore system (Paratype: **RA 27694**). All specimens were collected from the type locality.
Scale A (ca. 30 μm; ×330) figs. 1–4, (ca. 20 μm; ×500) figs. 5, 6; (ca. 6 μm; ×1600) figs. 7–9.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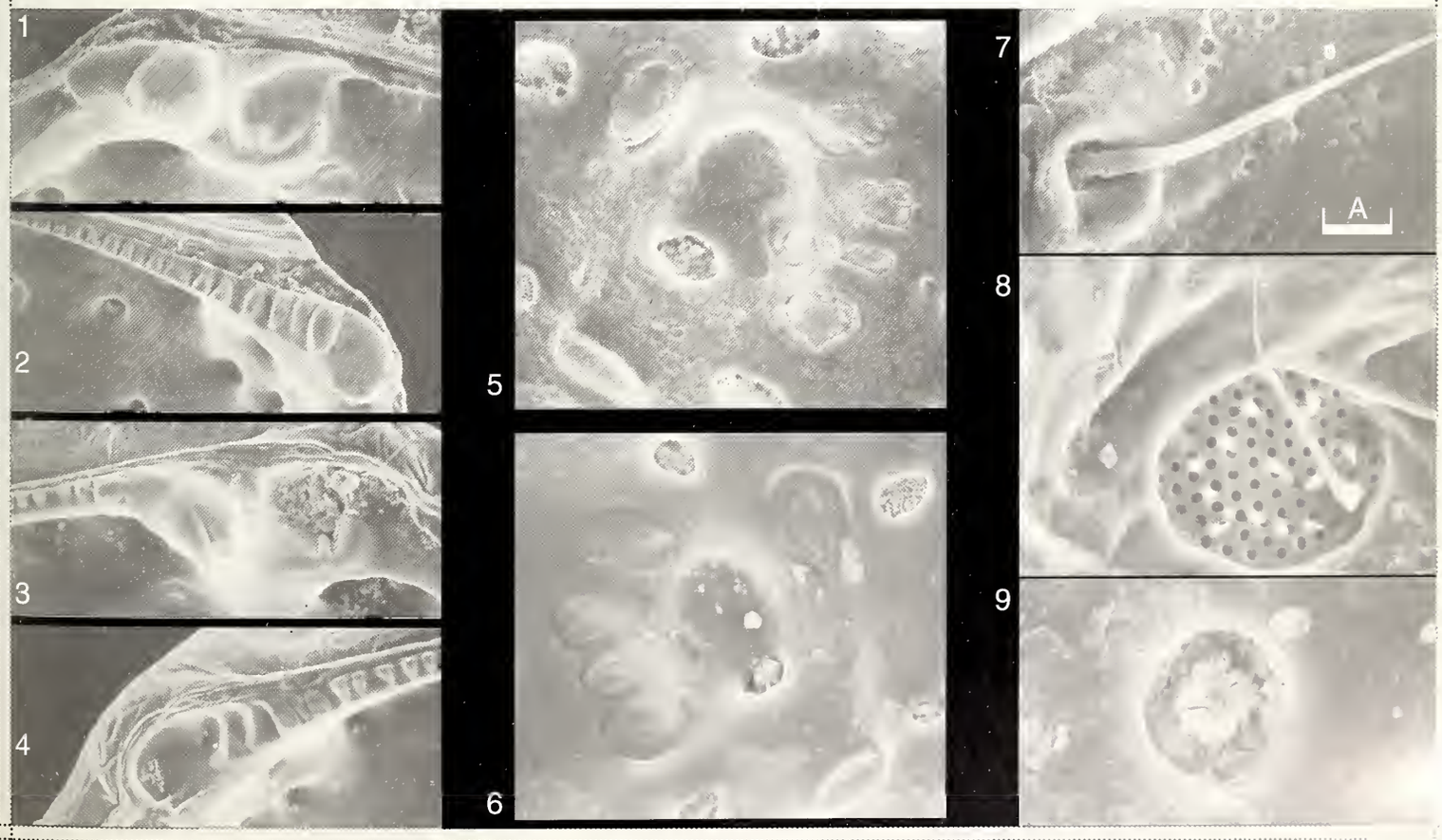
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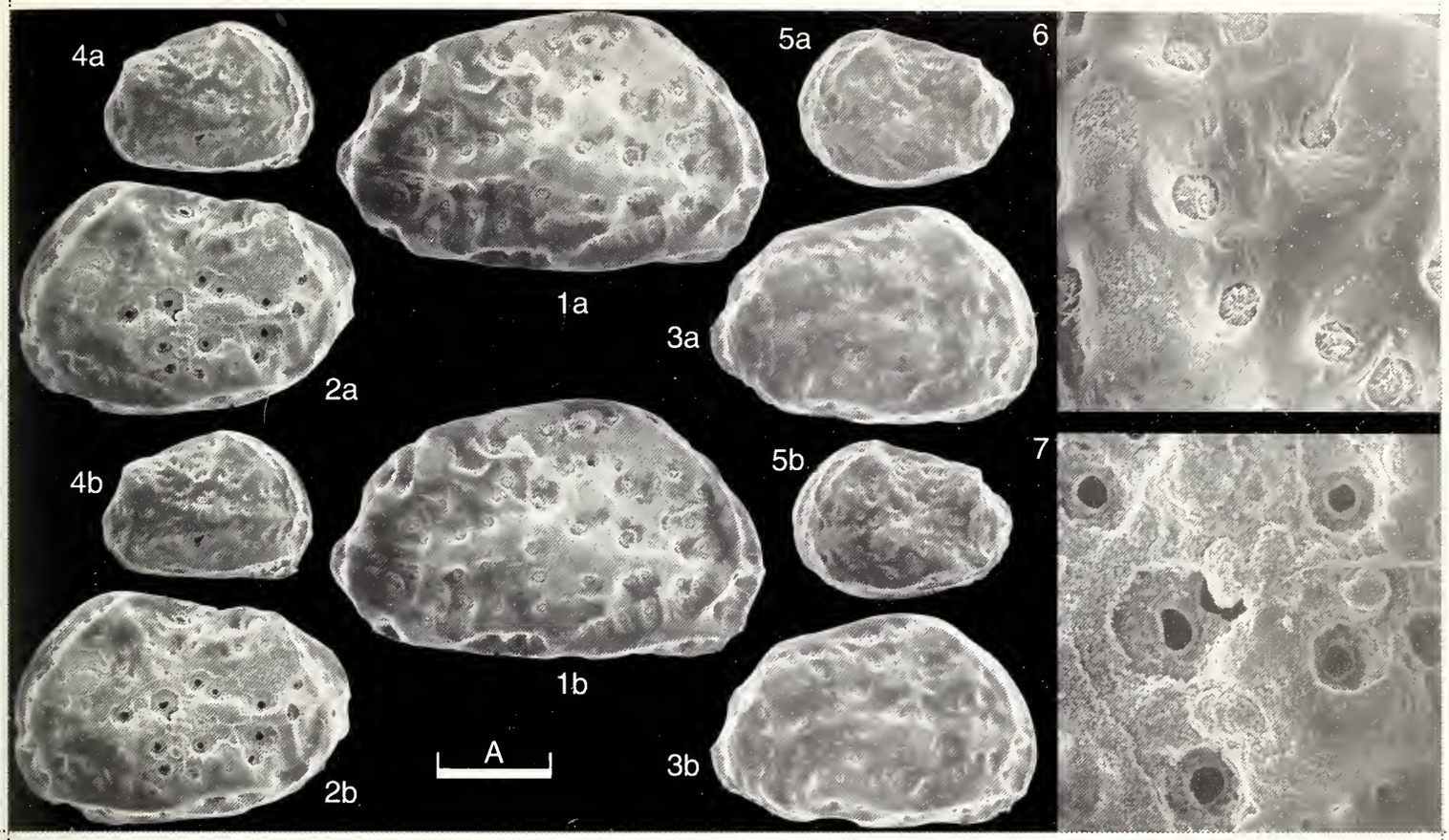
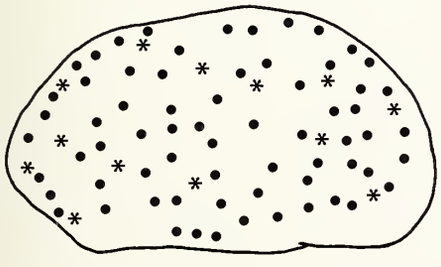
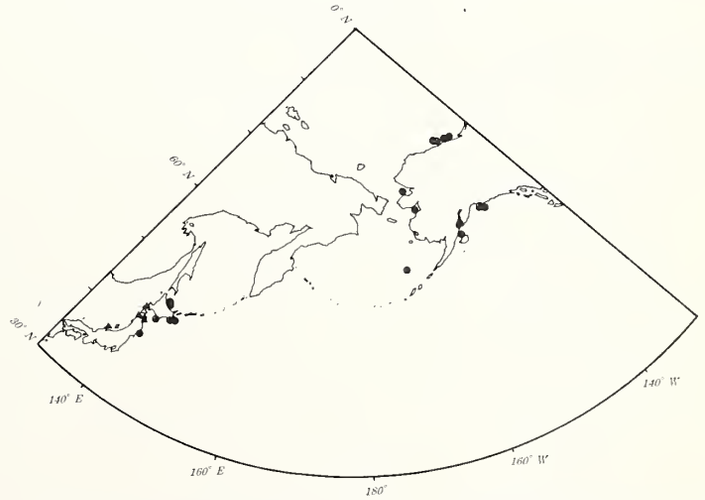




Text-fig. 3. Typical distributional pattern of lateral pore systems in *Schizocythere ikeyai* sp. nov. Black dots and asterisks indicate sieve-type and funnel-type pore systems, respectively.



Text-fig. 4. Geographical and geological distribution of *Schizocythere ikeyai* sp. nov. The occurrences from Cook Inlet, Kodiak Shelf, Norton Sound, Pribilof Islands and Chukchi Sea indicate broad localities according to Brouwers (*op. cit.*, 1990). Black solid circles and triangles indicate Recent and Late Pliocene to Pleistocene occurrences, respectively.

Explanation of Plate 25, 51

Fig. 1, ♀ RV, ext. lat. (Paratype: **RA 27773**). Fig. 2., A-1 LV, ext. lat. (Paratype: **RA 27774**). Fig. 3, A-1 RV, ext. lat. (Paratype: **RA 27775**). Fig. 4, A-3 RV, ext. lat. (Paratype: **RA 27776**). Fig. 5, A-3 LV, ext. lat. (Paratype: **RA 27777**). Fig. 6, an example of well-preserved carapace surface (Paratype: **RA 27773**). Fig. 7, an example of poorly-preserved carapace surface (Paratype: **RA 27774**). All specimens were collected from Beaufort Sea of Alaska.

Scale bar indicates 200 μm for 1–5 and ca. 30 μm for 6, 7.

595.337.14 (113.331) (510:161.106.25): 551.35

ON *VANIA PERDITA* KRŮTA AND SIVETER gen. et sp. nov.

by Miroslav Krůta and David J. Siveter
(Akademie Ved CR, Geol. Ustav, Prague, Czech Republic; University of Leicester, England)

Genus *VANIA* gen. nov.

Type-species: *Vania perdita* sp. nov.

Derivation of name: In honour of M. Váňa, Laboratory of GLÚ AV ĚR, Prague. Gender feminine.

Diagnosis: Valves reticulate, elongate, weakly amplete. Dorsal margin almost straight; lobal area reaches over ventral valve margin in lateral view. Cardinal angles obtuse, indistinct. Posterior lobe broad, has inflated connection to broader anterior lobal area; area behind posterior lobe is much less elevated. Adductorial sulcus well developed, occurs just behind mid-length, widens dorsally. Dimorphism unknown.

Remarks: The taxonomic position of this genus is uncertain, particularly as details of its internal morphology are unknown. In valve shape and general lobal and sulcal morphology its appearance is like forms assigned to the cytherellid kloedenellaceans (e.g. see *Borovitchella* Gramm, *Lethaia*, **18**, 49, 1985), but it is distinguished particularly by its more posterior sited adductorial sulcus and straighter dorsal margin. *Bairdiocypris vafra* Wang (*Acta micropal. sin.*, **14**, 463, 1997), from the Devonian of S. China, is possibly congeneric.

Explanation of Plate 25, 54

Fig. 1. RV ext. lat., having badly worn shell (paratype, **L 20478**, 0.83 mm long). Fig. 2. RV ext. lat. (paratype, **L 28812**, 0.96 mm long).
Scale A (250 μm; ×113), fig. 1; scale B (250 μm; ×95), fig. 2.

Vania perdita sp. nov.

1988 *Vania perdita* Krůta g. et s. n. (MS); A. Pribyl, *Sbor. geol. ved., Paleont.*, **29**, 130 (*nom. nud.*).
1990 *Vania perdita* Krůta & Siveter 1989; M. Kruta *in* R. Whatley & C. Maybury (eds), *Ostracoda and Global Events*, **234**, pl.1, fig.5 (*nom. nud.*). Chapman & Hall, London.
1993a *Vania perdita* Krůta & Siveter; W. Hansch, *N. Jb. Geol. Paläont. Abh.*, **187**, 185, fig.1. (*nom. nud.*).
1993b *Vania perdita* Krůta & Siveter; Hansch, *in* McKenzie, K.G. & Jones, P.J. (eds) *Ostracoda in the Earth and Life Sciences*, **30**, fig 5 (2) (*nom. nud.*). Balkema, Rotterdam.

Holotype: National Museum, Prague, nos. **L 28811**; a large RV.
[Paratypes: National Museum, Prague, nos. **L 20478**, a large RV; **L 20480**, a juvenile RV; **L 28812**, a large RV.]

Type locality: Bed 9, Přídolí Series, Upper Silurian, at Klonk, near Suchomasty, Bohemia, Czech Republic; lat. 49°52′E, long. 14°6′N. This is the international stratotype section of the Silurian-Devonian Boundary.

Derivation of the name: Latin *'perditus'*, lost; alluding to the uncertain taxonomic position of this species.

Diagnosis: As for the genus which is currently monospecific.

Figured specimens: National Museum, Prague, nos. **L 20478**, (paratype, RV: Pl. **25**, 54, fig. 1), **L 20480** (juvenile RV: Pl. **25**, 56, fig. 3), **L 28811** (holotype, RV: Pl. **25**, 54, figs. 1, 2), **L 28812** (paratype, RV: Pl. **25**, 54, fig. 2). All from the type level and locality.

Remarks: This species was first recognised in an unpublished thesis (M. Krůta, Beyrichiida (Ostracoda) ze svrchního siluru stratotypu Klonk [Barrandian], Charles University, Prague) and has featured as a *nomen nudem* in several papers.

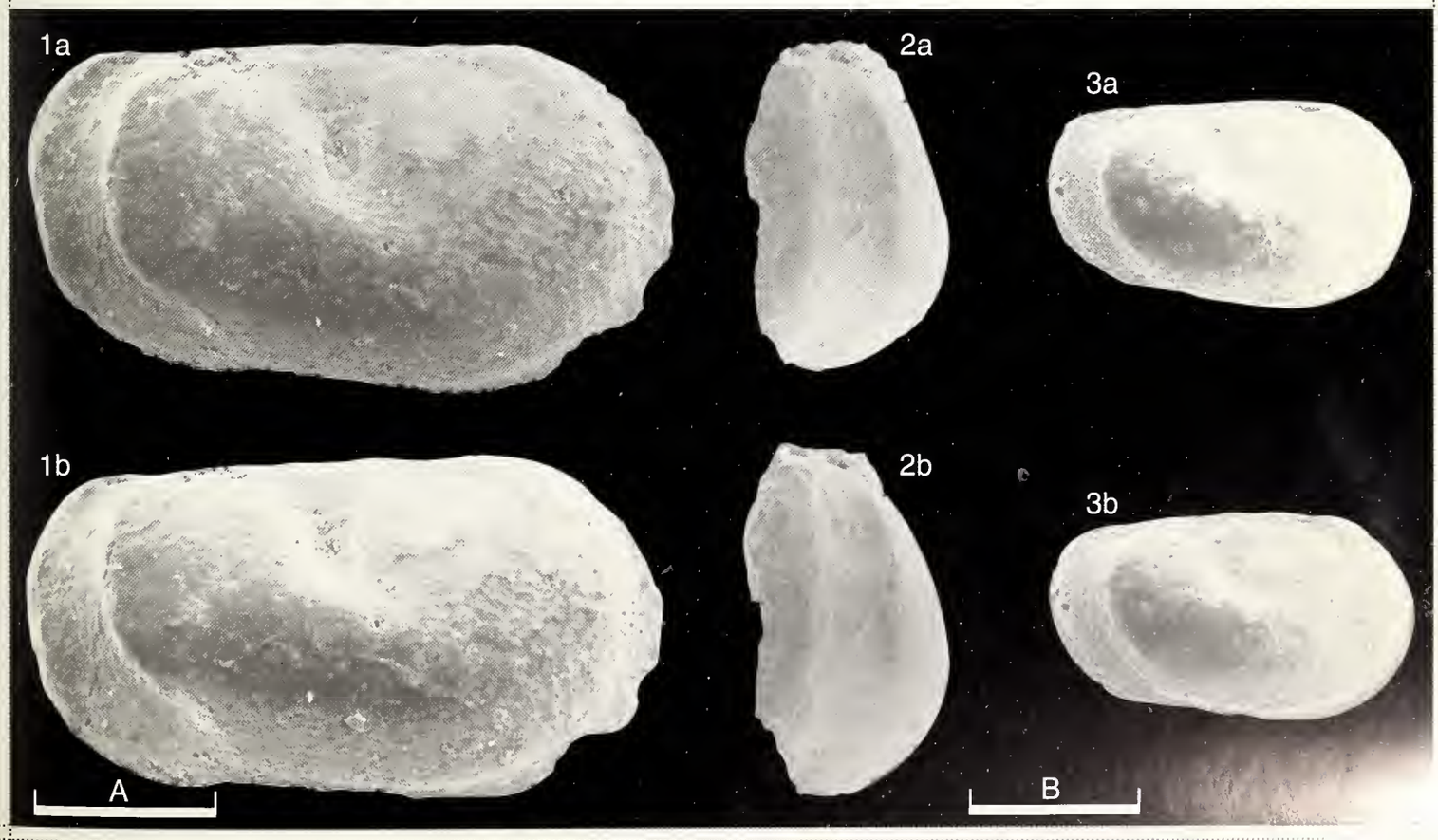
All specimens are preserved on limestone slabs. We have 28 valves, including probable adults and probably six instars (length: 0.93 mm to 0.42 mm).

Distribution: Occurs throughout the Přídolí Series, Upper Silurian, Bohemia, Czech Republic (see Hansch, 1993a, 1993b).

Explanation of Plate 25, 56

Figs. 1, 2, technomorphic RV (holotype, **L 28811**, 0.80 mm long): fig. 1. ext. lat.; fig. 2, ext. post. Fig. 3, juv. RV, ext. lat. (paratype, **L 20480**, 0.51 mm long).
Scale A (250 μm; ×110), figs. 1, 2; scale B (100 μm; ×100), fig. 3.

1a
2a
1b
2b
A
B


1a
2a
3a
1b
2b
3b
A
B

ON *SWAINOCYTHERE MINUSCULUM* (RUGGIERI) Errata

by Ian Boomer & Eugene Kempf
(Department of Geography, University of Newcastle, Newcastle, U.K. and Geological Instutute, University of Köln, Köln, Germany)

Dickson (*A Stereo-Atlas of Ostracod Shells*, **23**, 1–4, 1996) illustrated a species which she assigned to *Swainocythere miniscula* Ruggieri. Unfortunately a number of nomenclatoral errors are now apparent in that work. Ruggieri (*Soc. Geol. Ital. Boll.*, **94**, 1977) first described the species in 1977, not 1975 as reported in Dickson's synonymy, nor 1976 as reported in her title.

Ruggieri (*ibid.*) initially referred this new species to the genus *Cytheropteron?* thus Dickson created a new combination and should have placed the original author in parentheses. Furthermore, the species name was mis-spelt in the Dickson paper, reporting it as *minisculum*, not *minusculum*. The correct citation for this species should read *Swainocythere minusculum* (Ruggieri, 1977).

Since the paper by Dickson was published the specimens have been assigned new registration numbers in the collections of the British Geological Survey at Keyworth, Nottinghamshire, U.K. The cited specimen and the new numbers are given below, we wish to thank Dr Ian Wilkinson (BGS) for this information.

Illustration	Cited numbers	New Registration Numbers
Pl. **23**, 2, Fig. 1	89/15-1.1-1	MPK10776
Pl. **23**, 2, Figs. 4, 5	89/15-1.1-2	MPK10777
Pl. **23**, 2, Fig. 3	89/15-1.1-3	MPK10778
Pl. **23**, 4, Figs. 1, 3, 4	89/15-1.1-4	MPK10779
Pl. **23**, 4, Fig. 2	89/15-2.85-5	MPK10780
Pl. **23**, 4, Fig. 5	89/15-5.85-6	MPK10781

General Index

Becker, G., On *Beckerhealdia circumreptata* Blumenstengel; 23–26
Beckerhealdia circumreptata Blumenstengel; 23–26
Boomer, I. & Kempf, E. On *Swainocythere minusculum* (Ruggieri) Errata; 61
Briggs, W.M. Jr., & Tsukagoshi, A., On *Schizocythere ikeyai* Tsukagoshi & Briggs sp. nov.; 43–52
Bumire pilloides Schallreuter; 31–34

Callistocythere pumila Hanai; 9–16
circumreptata, Beckerhealdia; 23–26

Darwinula stevensoni Brady & Robertson; 17–22
dawubaensis, Editella; 41–44

Editella dawubaensis Olempska gen. et sp. nov.; 41–44
Egorovellina operosa Kanygin; 27–30

Fuscinullina (Fuscinullina) pectinata Kanygin; 5–8

Ginginella maudriseensis Majoran sp. nov.; 1–4

Horne, D.J, Rossetti, G. & Martens, K., On *Darwinula stevensoni* Brady & Robertson; 17–22

ikeyai, Schizocythere; 43–52

Kempf, E. & Boomer, I. On *Swainocythere minusculum* (Ruggieri) Errata; 61
Kruta, M. & Siveter, D.J., On *Vania perdita* Kruta & Siveter gen. et sp. nov.; 53–56

Majoran, S., On *Ginginella maudriseensis* Majoran sp. nov.; 1–4
Martens, K., Rossetti, G. & Horne, D.J., On *Darwinula stevensoni* Brady & Robertson; 17–22
maudriseensis, Ginginella; 1–4
minuscula, Swainocythere; 61
Muhuaella spinosa Olempska gen. et sp. nov.; 35–38

Olempska, E., On *Editella dawubaensis* Olempska gen. et sp. nov.; 41–44
Olempska, E., On *Muhuaella spinosa* Olempska gen. et sp. nov.; 35–38
operosa, Egorovellina; 27–30

pectinata, Fuscinullina (Fuscinullina); 5–8
perdita, Vania; 53–56
pilloides, Bumire; 31–34
pumila, Callistocythere; 9–16

Rossetti, G., Horne, D.J. & Martens, K., On *Darwinula stevensoni* Brady & Robertson; 17–22

Schallreuter, R.E.L., On *Bumire pilloides* Schallreuter; 31–34
Schallreuter, R.E.L., On *Egorovellina operosa* Kanygin; 27–30
Schallreuter, R.E.L., On *Fuscinullina (Fuscinullina) pectinata* Kanygin; 5–8
Schizocythere ikeyai Tsukagoshi & Briggs sp. nov.; 43–52
Siveter, D.J. & Kruta, M., On *Klonxotis idoneus* Kruta & Siveter gen. et sp. nov.; 13–16
Siveter, D.J. & Kruta, M., On *Vania perdita* Kruta & Siveter gen. et sp. nov.; 9–12
spinosa, Muhuaella; 35–38
stevensoni, Darwinula; 17–22
Swainocythere minusculum (Ruggieri); 61

Tsukagoshi, A. On *Callistocythere pumila* Hanai; 9–16
Tsukagoshi, A. & Briggs, W.M. Jr., On *Schizocythere ikeyai* Tsukagoshi & Briggs sp. nov.; 43–52

Vania perdita Kruta & Siveter gen. et sp. nov.; 53–56

Index; Geological Horizon

See **1** (1) 5–22 **(1973)** for explanation of the Schedules in the Universal Decimal Classification

(119.9) Recent:
Callistocythere pumila; 9–16
Darwinula stevensoni; 17–22
Schizocythere ikeyai; 43–52
(116.333.3) Maastrichtian:
Ginginella maudriseensis; 1–4
(113.51) Lower Carboniferous:
Editella dawubaensis; 41–44
Muhuaella spinosa; 35–38
(113.45) Upper Devonian:
Beckerhealdia circumreptata; 23–26
(113.333) Upper Silurian:
Vania perdita; 53–56
(113.312) Middle Ordovician:
Egorovellina operosa; 27–30
(113.311) Lower Ordovician:
Fuscinullina (Fuscinullina) pectinata; 5–8
Bumire pilloides; 31–34

Index; Geographical Location

See **1** (1) 5–22 **(1973)** for explanation of the Schedules in the Universal Decimal Classification

(520) Japan:
Callistocythere pumila; 9–16
Schizocythere ikeyai; 43–52
(510) China:
Editella dawubaensis; 41–44
Muhuaella spinosa; 35–38
Vania perdita; 53–56
(493) Belgium:
Darwinula stevensoni; 17–22
(430) Germany:
Beckerhealdia circumreptata; 23–26
(269.4) Atlantic sector of Antarctic Ocean:
Ginginella maudriseensis; 1–4
(268.7) Arctic Ocean:
Schizocythere ikeyai; 43–52
(57) Asiatic Former U.S.S.R.:
Egorovellina operosa; 27–30
Fuscinullina (Fuscinullina) pectinata; 5–8
(941) Western Australia:
Bumire pilloides; 31–34

Stereo-Atlas of Ostracod Shells: Vol. 25, Parts 1 and 2

CONTENTS

25 (1)	1–4	On *Ginginella maudriseensis* sp. nov.; by S. Majoran.
25 (2)	5–8	On *Fuscinullina (Fuscinullina) pectinata* Kanygin; by R.E.L. Schallreuter.
25 (3)	9–16	On *Callistocythere pumila* Hanai; by A. Tsukagoshi.
25 (4)	17–22	On *Darwinula stevensoni* Brady & Robertson; by G. Rosetti, D.J. Horne & K. Martens.
25 (5)	23–26	On *Beckerhealdia circumreptata* Blumenstengel; by G. Becker.
25 (6)	27–30	On *Egorovellina operosa* Kanygin; by R.E.L. Schallreuter.
25 (7)	31–34	On *Bumire pilloides* Schallreuter; by R.E.L. Schallreuter.
25 (8)	35–38	On *Muhuaella spinosa* gen. et sp. nov.; by E. Olempska.
25 (9)	39–42	On *Editella dawubaensis* gen. et sp. nov.; by E. Olempska.
25 (10)	43–52	On *Schizocythere ikeyai* Tsukagoshi & Briggs sp. nov.; by A. Tsukagoshi & W.M. Briggs Jr.
25 (11)	53–56	On *Vania perdita* Kruta & Siveter gen. et sp. nov.; by M. Kruta & D.J. Siveter.
25 (12)	57	On *Swainocythere minusculum* (Ruggieri) Errata; by I. Boomer & E. Kempf.
25 (13)	58–59	Index for volume **25** (for 1998)

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A Stereo-Atlas of Ostracod Shells

edited by I. Boomer, D. J. Horne, A. R. Lord and D. J. Siveter

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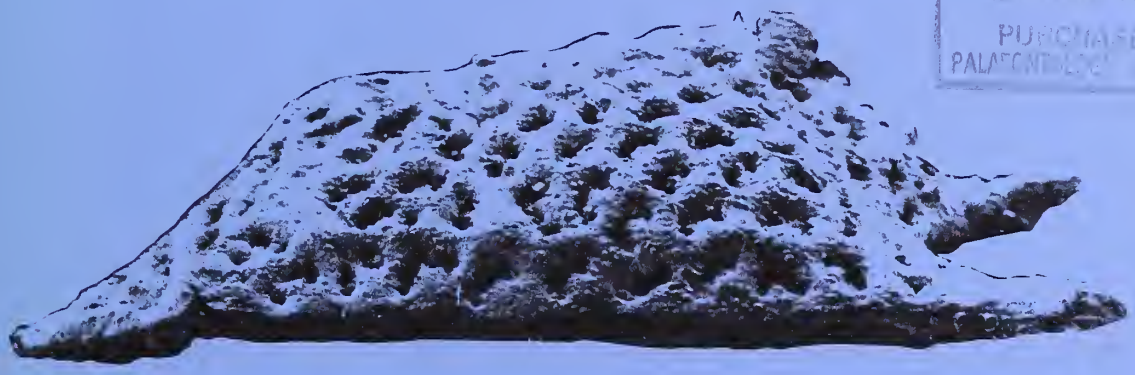
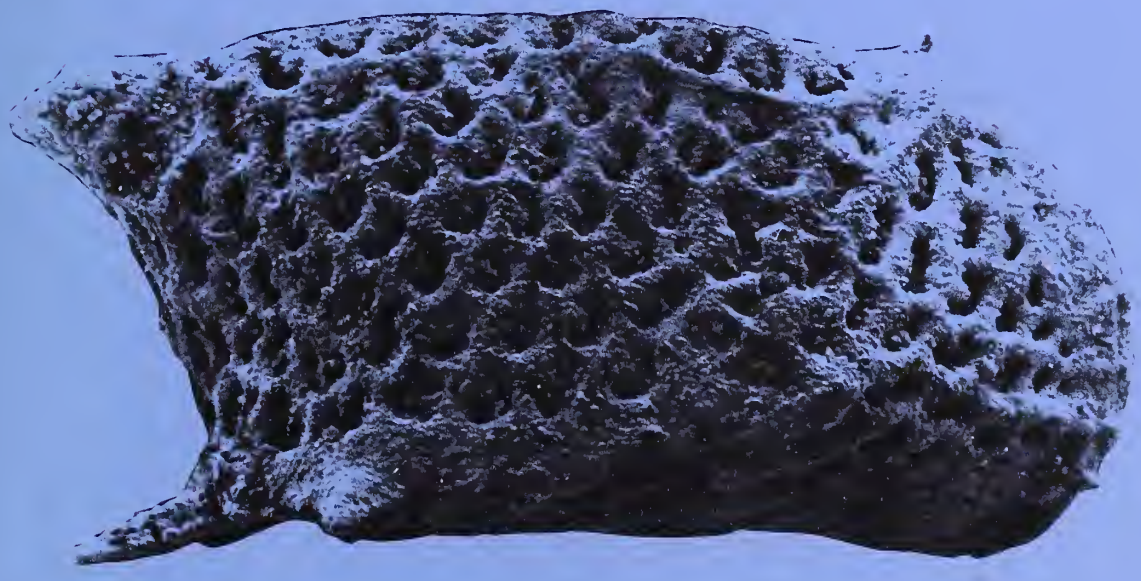


Cumulative Index for volumes 1-25; (1973 – 1998)



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ISSN 0952-7451

A Stereo-Atlas of Ostracod Shells

A Stereo-Atlas of Ostracod Shells (ISSN 0952-7451) was launched in 1973 with the late Peter Sylvester-Bradley and his then postdoctoral associate, David Siveter, as editors. Peter Sylvester-Bradley was F.W. Bennett Professor of Geology in the University of Leicester, England. He was, by any standards, an exceptional individual who contributed fully to local, national and international scientific endeavours. The *Stereo-Atlas* was his brainchild and was typical of his innovative style. The initial hope of the editors was to generate enough interest to publish for two years and then take stock. Volume 25 (for 1998) has appeared; sadly, this is the last in the series, as the decision has been taken to cease publication.

The original aims of *A Stereo-Atlas of Ostracod Shells* were simple enough, to harness and disseminate the scientific revolution which the scanning electron microscope (SEM) provides to micropalaeontology. As Peter Sylvester-Bradley declared in the opening article of the very first issue, this "New Palaeontography" places priority on the illustrations as a language easily communicated and understood by the international palaeontological community. To that end the *Stereo-Atlas* was designed with a unique format: a high illustrations-to-text ratio, an emphasis on stereo-photography and a policy of producing plates about as good as technology can achieve.

Initially produced under the imprint of the Department of Geology at the University of Leicester (1973-1975) and then for one year (1976) by Broadwater Press (Welwyn Garden City), from 1977 to 1981 it was published jointly by (the then) Robertson Research International (Llandudno, Wales) and the British Micropalaeontological Society, London, since when it has appeared solely under the aegis of the B.M.S. The (then) British Museum (Natural History), London and the Department of Geology at the University College of Wales, Aberystwyth also provided invaluable logistical support in the early years of publication. From 1981 to 1996 the production of the *Stereo-Atlas* was entrusted to BPC Blackpool Ltd (and its predecessors), to whom a great debt is owed for the quality of publication, especially the plates. Latterly the *Stereo-Atlas* has been produced by Moulton Printing of Blackpool. Over the years all of those who served as an editor, treasurer, or have been closely involved with the day-to-day running of the *Stereo-Atlas* have, perhaps appropriately, been mainly former students or former research associates of Peter Sylvester-Bradley: John Athersuch, Ray Bate, Ian Boomer, Cyril Haskins, David Horne, Alan Lord, Bob Lundin, John Neale, Lesley Sheppard, David Siveter, Robin Whatley and John Whittaker.

Palaeontological research demands high quality, consistent taxonomy and *A Stereo-Atlas of Ostracod Shells* has gone a long way to supporting that goal in the field of ostracod research. Rigorous taxonomy is no less important today than it was when the journal first appeared in 1973. However, times and demands on researchers and their research programmes change. More recently, ostracod research has concentrated on neotony, genetics and applications such as shell chemistry and palaeoenvironmental, biostratigraphical and palaeobiogeographical utility. Whilst the scientific need for taxonomy remains as paramount as ever it is clear that today less research, and particularly less research funding, is a fact of life in this branch of our science. This has recently been reflected in the reduced numbers of manuscripts received for the *Stereo-Atlas* and also in the lack of new subscribers. Furthermore, institutional libraries are coming under increased financial pressure to stop taking specialised journals and, in trying to tap a limited "niche market" this has especially affected the *Stereo-Atlas*. Production matters relating to "economies of scale" have also, lately, provided additional problems. It is therefore with considerable sadness that the editors feel it is time to cease production of the *Stereo-Atlas*.

Since the first issue of the *Stereo-Atlas* appeared twenty-five years ago nearly seven hundred species have been described in its pages, many of them type-species of their genera. In latter years the quality of the illustrative stereo-pairs, which are its trade-mark, surpassed that of most palaeontographical works. *A Stereo-Atlas of Ostracod Shells* certainly made its mark and can fairly claim to have been true to its aims.

As a valedictory, a comprehensive Index of all twenty-five volumes has been compiled by Robin Smith and will be distributed free to all subscribers with the last issue.

Happily, *A Stereo-Atlas of Ostracod Shells* will be wound up without any financial burden to the British Micropalaeontological Society. Indeed, we expect a modest surplus to be available to be donated to the B.M.S. for publication purposes - ostracod papers, of course!

John E. Whittaker

(Chairman, British Micropalaeontological Society)
The Natural History Museum, London
January 1999

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A Stereo-Atlas of Ostracod Shells

Cumulative Index for volumes 1-25; (1973 – 1998)

Index prepared by Robin Smith, University of Leicester.

This cumulative index was distributed with volume 25 of the *Stereo-Atlas* to mark the final issue. After 25 years of production, changes in the academic and industrial sectors have meant that fewer researchers are engaged in taxonomic work and this has been reflected in the number of manuscripts submitted and subscriptions to the *Stereo-Atlas*. The decision has been taken to cease production at this time.

Approximately 700 species are listed in the following pages, many of them type species of their genus. We hope that the index will prove a useful addition and that the *Stereo-Atlas* will continue to be an invaluable resource for ostracod workers. The editors wish to extend their thanks to all past editorial board members, authors, reviewers and subscribers for their time and support.

The Editors

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Alphabetical listing by genus

Aboilia	*blessi*	Becker & Adamczak gen. et sp. nov.	**20** (8) 33-36 **(1993)**
Abrotocythere	*ovata*	Zhao sp. nov.	**14** (26) 115-118 **(1987)**
Abrotocythere	*quinquicornis*	Zhao gen. et sp. nov.	**14** (25) 111-114 **(1987)**
Abyssobythere	*guttata*	Ayress & Whatley gen. et sp. nov.	**16** (28) 136-139 **(1989)**
Acanthocythereis	*decoris*	Siddiqui, 1971	**7** (22) 131-134 **(1980)**
Acanthocythereis	*dohukensis*	Khalaf sp. nov.	**9** (8) 47-50 **(1982)**
Acanthocythereis	*hystrix*	(Reuss, 1849)	**6** (24) 133-140 **(1979)**
Acrocythere	*hauteriviana*	(Bartenstein, 1956)	**1** (53) 289-296 **(1973)**
Actinocythereis	*iraqensis*	Khalaf sp. nov.	**9** (9) 51-54 **(1982)**
Airina	*amabilis*	(Neckaja, 1958)	**9** (20) 109-116 **(1982)**
Albileberis	*sinensis*	Hou, 1982	**14** (3) 9-12 **(1987)**
Allaruella	*australiensis*	Krömmelbein, 1975	**22** (8) 29-32 **(1995)**
Ambostracon	*costaforma*	Whatley & Maybury sp. nov.	**13** (17) 81-84 **(1986)**
Ambostracon	*delicata*	Whatley & Maybury sp. nov.	**13** (18) 85-88 **(1986)**
Ambostracon	*europea*	Maybury & Whatley sp. nov.	**13** (16) 77-80 **(1986)**
Ambostracon	*perfecta*	Maybury & Whatley sp. nov.	**13** (19) 89-92 **(1986)**
Amphiexophthalmocythere	*oertlii*	(Babinot, 1971)	**15** (15) 69-72 **(1988)**
Anabarochilina	*primordialis*	(Linnarsson, 1869)	**20** (17) 71-76 **(1993)**
Anchistrocheles	*eximia*	Herrig sp. nov.	**19** (23) 99-102 **(1992)**
Angliaecytheridea	*calvata*	Sheppard gen. et sp. nov.	**8** (28) 157-162 **(1981)**
Anisocyamus	*bassleri*	(Harris, 1931)	**15** (25) 115-122 **(1988)**
Anisocyamus	*elegans*	(Harris, 1957)	**15** (24) 107-114 **(1988)**
Ansipe	*anseripediculus*	Schallreuter gen. et sp. nov.	**22** (19) 78-81 **(1995)**
Antiaechmina	*pseudovelata*	Schallreuter sp. nov.	**4** (5) 29-32 **(1977)**
Apateloschizocythere	*geniculata*	Bate, 1972	**1** (54) 297-304 **(1973)**
Apatocythere	*spinosa*	Neale, 1962	**5** (15) 101-104 **(1978)**
Arcacythere	*aurani*	Babinot & Colin sp. nov.	**19** (21) 91-94 **(1992)**
Arcacythere	*rugosa*	Majoran sp. nov.	**22** (9) 33-36 **(1995)**
Archeocosta	*alkazwinii*	Al-Bashir & Keen gen. et sp. nov.	**11** (17) 83-90 **(1984)**
Argenticytheretta (Argenticytheretta)	*fuegoensis*	Rose sp. nov.	**2** (31) 199-202 **(1975)**
Argenticytheretta (Argenticytheretta)	*gonzalezi*	Rose sp. nov.	**2** (29) 191-194 **(1975)**
Argenticytheretta (Argenticytheretta)	*patagoniensis*	Rose sp. nov.	**2** (28) 181-190 **(1975)**
Argenticytheretta (Argenticytheretta)	*punctata*	Rose sp. nov.	**6** (18) 91-98 **(1979)**
Argenticytheretta (Argenticytheretta)	*riescoensis*	Rose sp. nov.	**2** (30) 195-198 **(1975)**
Argenticytheretta (Chilea)	*brunswickensis*	Rose subgen. et sp. nov.	**2** (33) 207-210 **(1975)**
Argenticytheretta (Chiliella)		Rose, nom. nov.	**2** (48) 296 **(1975)**
Argenticytheretta (Magallanella)	*chileana*	Rose subgen. et sp. nov.	**2** (32) 203-206 **(1975)**
Artesiocythere	*artesica*	Krömmelbein, 1975	**22** (7) 25-28 **(1995)**
Asiacicatricula	*varia*	(Michailova, 1971)	**20** (15) 63-66 **(1993)**
Atjehella	*kingmai*	Keij, 1979	**11** (12) 59-62 **(1984)**
Aurikirkbya	*wordensis*	(Hamilton, 1942)	**16** (24) 112-115 **(1989)**
Aurila	*woodwardii*	(Brady, 1868)	**7** (9) 45-52 **(1980)**
Aurila	*woutersi*	Horne sp. nov.	**13** (7) 33-38 **(1986)**
Australicythere	*polylyca*	(Müller, 1908)	**1** (32) 169-172 **(1973)**
Baffinicythere	*howei*	Hazel, 1967	**10** (9) 53-62 **(1983)**
Bairdia	*aselfingenensis*	Lord & Moorley sp. nov	**2** (2) 5-8 **(1974)**
Bairdia	*beraguaensis*	Singh & Tewari, 1966	**11** (27) 141-144 **(1984)**
Bairdia	*curta*	M'Coy, 1844	**17** (24) 117-120 **(1990)**
Bairdia	*hahni*	Lord & Moorley sp. nov.	**2** (1) 1-4 **(1974)**
Bairdia	*jammuensis*	Singh & Tewari, 1966	**13** (9) 47-50 **(1986)**
Bairdia	*kalakotensis*	Singh & Tewari, 1966	**11** (28) 145-148 **(1984)**
Bairdoppilata	*kalakotensis*	Singh & Tewari, 1966	**11** (26) 137-140 **(1984)**
Balticella	*deckeri*	(Harris, 1931)	**16** (21) 94-99 **(1989)**
Baltocyamus	*primarius*	Meidla gen. et sp. nov.	**22** (1) 1-4 **(1995)**
Baltonotella	*elegans*	(Harris, 1957)	**20** (9) 37-40 **(1993)**
Baltonotella	*kuckersiana*	(Bonnema, 1909)	**23** (15) 69-72 **(1996)**
Bathycythere	*comitatus*	Wouters sp. nov.	**21** (10) 39-42 **(1994)**
Bathycythere	*vanstraateni*	Sissingh, 1971	**2** (22) 133-140 **(1974)**
Beckerhealdia	*circumreptata*	Blumenstengel, 1994	**25** (5) 23-26 **(1998)**
Beninea	*ibecetenensis*	Apostolescu gen. et sp. nov.	**14** (31) 135-138 **(1987)**
Bennelongia	*tunta*	De Deckker sp. nov.	**9** (21) 117-124 **(1982)**
Berolinella	*steusloffi*	(Krause, 1891)	**16** (23) 106-111 **(1989)**
Beyrichia (Altibeyrichia)	*kiaeri*	Henningsmoen, 1954	**13** (6) 29-32 **(1986)**
Beyrichia (Sagenabeyrichia)	*siveteri*	Pollicot subgen. et sp. nov.	**14** (14) 57-64 **(1987)**
Bilobatia	*serralobata*	Schallreuter, 1976	**9** (2) 9-16 **(1982)**
Bolbihithis	*abdominalis*	Schallreuter, 1981	**13** (31) 145-148 **(1986)**
Bolbinella	*cumulata*	Kanygin, 1967	**17** (16) 81-84 **(1990)**
Bollia	*delgadoi*	Vannier sp. nov.	**10** (16) 95-98 **(1983)**
Bonnyannella	*robertsoni*	(Brady, 1868)	**9** (14) 77-84 **(1982)**
Braderupia	*asymmetrica*	(Neckaja, 1958)	**9** (1) 1-8 **(1982)**
Bradleya	*normani*	(Brady, 1865)	**15** (9) 33-36 **(1988)**
Brephocharieis	*complicata*	(Salter, 1848)	**12** (10) 49-56 **(1985)**
Brevibolbina	*dornbuschi*	Schallreuter, 1964	**6** (14) 71-74 **(1979)**
Bromidella	*papillata*	(Harris, 1957)	**17** (14) 73-76 **(1990)**
Bromidella	*reticulata*	Harris, 1931	**16** (1) 1-8 **(1989)**
Bromidella	*sarvi*	Schallreuter, 1964	**10** (6) 25-28 **(1983)**
Bryocypris	*grandipes*	Røen, 1956	**16** (29) 140-147 **(1989)**

Alphabetical listing by genus

Bufanchiste	*sotoi*	Becker, 1989	**18** (7) 25-28 **(1991)**
Bulbosclerites	*unicornis*	(Neckaja, 1952)	**7** (13) 73-76 **(1980)**
Bulbosohnia	*bolboformis*	Becker & Wang, 1992	**20** (22) 93-96 **(1993)**
Bumire	*pilloides*	Schallreuter sp. nov.	**25** (7) 31-34 **(1998)**
Buntonia	*brunensis*	Riha, 1985	**15** (28) 133-136 **(1988)** & **16** (18) 77 **(1989)**
Byrsolopsina	*manca*	Schallreuter sp. nov.	**9** (3) 17-20 **(1982)**
Bythoceratina	*gobanensis*	Reyment & Reyment sp. nov.	**16** (5) 21-24 **(1989)**
Bythoceratina	*scaberrima*	(Brady, 1886)	**1** (3) 23-30 **(1973)**
Bythocythere	*bradleyi*	Athersuch, Horne & Whittaker, 1983	**21** (14) 59-62 **(1994)**
Bythocythere	*intermedia*	Elofson, 1938	**14** (15) 65-68 **(1987)**
Bythocythere	*zetlandica*	Athersuch, Horne & Whittaker, 1983	**14** (16) 69-72 **(1987)**
Caboncypris	*nunkeri*	De Deckker gen. et sp. nov.	**9** (22) 125-132 **(1982)**
Callistocythere	*badia*	(Norman, 1862)	**4** (10) 53-58 **(1977)**
Callistocythere	*crispata*	(Brady, 1868)	**7** (12) 67-72 **(1980)**
Callistocythere	*littoralis*	(Müller, 1894)	**7** (11) 61-66 **(1980)**
Callistocythere	*mediterranea*	(Müller, 1894)	**7** (23) 135-138 **(1980)**
Callistocythere	*montana*	Doruk sp. nov.	**7** (24) 139-142 **(1980)**
Callistocythere	*murrayi*	Whittaker sp. nov.	**5** (25) 145-152 **(1978)**
Callistocythere	*pumila*	Hanai, 1957	**25** (3) 9-16 **(1998)**
Calocaria	*maurae*	Vannier gen. et sp. nov.	**14** (12) 45-48 **(1987)**
Cambria	*melnikovae*	Ivanova, 1964	**21** (4) 13-16 **(1994)**
Cambria	*sibirica*	Neckaja & Ivanova, 1956	**21** (3) 9-12 **(1994)**
Caprabolbina	*capra*	Schallreuter, 1972	**6** (12) 63-66 **(1979)**
Capricambria	*cornucopiae*	Hinz gen. et sp. nov.	**18** (16) 65-68 **(1991)**
Carbonita	*corrugata*	Gregory sp. nov.	**2** (4) 17-20 **(1974)**
Carinocythereis	*antiquata*	(Baird, 1850)	**8** (12) 63-70 **(1981)**
Carinocythereis	*batei*	Jain, 1978	**21** (16) 71-74 **(1994)**
Carinocythereis	*carinata*	(Roemer, 1838)	**14** (23) 97-102 **(1987)**
Carinocythereis	*whitei*	(Baird, 1850)	**14** (24) 103-110 **(1987)**
Cathaycythere	*reticulata*	Whatley & Zhao gen. et sp. nov.	**14** (1) 1-4 **(1987)**
Cativella	*bensoni*	Neale, 1967	**6** (2) 5-12 **(1979)**
Cavhithis	*cavi*	Schallreuter, 1965	**22** (17) 70-73 **(1995)**
Celtia	*quadridentata*	(Baird, 1850)	**2** (46) 287-294 **(1975)**
Centrocypris	*viridis*	Neale sp. nov.	**3** (3) 13-20 **(1976)**
Chegetella	*chegitunica*	Kanygin, 1977	**17** (17) 85-88 **(1990)**
Chinocythere	*curvispinata*	Su sp. nov.	**16** (13) 55-58 **(1989)**
Chinocythere	*shajingensis*	Su sp. nov.	**16** (14) 59-62 **(1989)**
Chinocythere	*tuberculata*	Su sp. nov.	**16** (15) 63-66 **(1989)**
Chrysocythere	*buncensis*	Keen sp. nov.	**21** (19) 87-90 **(1994)**
Chrysocythere	*cataphracta*	Ruggieri, 1962	**1** (4) 31-34 **(1973)**
Chrysocythere	*naqibi*	Khalaf sp. nov.	**9** (10) 55-58 **(1982)**
Chrysocythere	*paradisus*	Doruk sp. nov.	**1** (16) 89-92 **(1973)**
Cistacythereis	*equivalvis*	Doruk sp. nov.	**8** (14) 75-78 **(1981)**
Cistacythereis	*pokornyi*	(Ruggieri, 1962)	**8** (13) 71-74 **(1981)**
Cladarocythere	*pterota*	Ahmad gen. et sp. nov.	**4** (8) 45-48 **(1977)**
Cleithranchiste	*paulusi*	Becker, 1965	**18** (6) 21-24 **(1991)**
Cluthia	*keiji*	Neale sp. nov.	**2** (23) 141-148 **(1975)**
Cocoonocythere	*sinensis*	Zhao, 1984	**18** (25) 101-104 **(1991)**
Columatia	*variolata*	(Jones & Holl, 1865)	**16** (7) 29-34 **(1989)**
Concavhithis	*latosulcatus*	Schallreuter sp. nov.	**9** (18) 101-104 **(1982)**
Costa	*batei*	(Brady,1866)	**1** (45) 249-252 **(1973)**
Costa	*edwardsii*	(Roemer, 1838)	**1** (44) 245-248 **(1973)**
Costa	*himchariensis*	Ahmed sp. nov.	**13** (23) 105-108 **(1986)**
Costa	*obliquifossa*	Ahmed sp. nov.	**13** (24) 109-112 **(1986)**
Costa	*punctatissima*	Ruggieri, 1962	**1** (46) 253-256 **(1973)**
Costa	*trudis*	Ahmad sp. nov.	**4** (21) 127-130 **(1977)**
Craspedobolbina (Mitrobeyrichia)	*impendens*	(Haswell, 1865)	**1** (34) 177-180 **(1973)**
Cryptophyllus	*gutta*	Schallreuter, 1968	**4** (1) 1-8 **(1977)**
Cryptophyllus	*nuculopsis*	Harris, 1957	**20** (18) 77-80 **(1993)**
Cuneoceratina	*exornata*	(Herrig, 1966)	**19** (5) 17-20 **(1992)**
Cyamocytheridea	*contracta*	Doruk sp. nov.	**5** (20) 121-124 **(1978)**
Cyamocytheridea	*meniscus*	Doruk sp. nov.	**5** (21) 125-128 **(1978)**
Cyamocytheridea	*obstipa*	Doruk sp. nov.	**5** (22) 129-132 **(1978)**
Cyamocytheridea	*polygona*	Doruk sp. nov.	**5** (23) 133-136 **(1978)**
Cypretta	*yapinga*	De Deckker sp. nov.	**9** (23) 133-140 **(1982)**
Cypridea	*sylvesterbradleyi*	Bate sp. nov.	**21** (23) 103-106 **(1994)**
Cypridea	*unicostata chinensis*	Neale & Su subsp. nov.	**17** (5) 19-22 **(1990)**
Cyprideis	*exuberans*	van Harten sp. nov.	**7** (16) 89-100 **(1980)**
Cyprideis	*torosa*	(Jones, 1850)	**2** (5) 21-32 **(1974)**
Cyprideis	*undosa*	van Harten sp. nov.	**7** (15) 81-88 **(1980)**
Cypris	*decaryi*	Gauthier	**3** (23) 133-140 **(1976)**
Cypris	*latissima*	(G. W. Müller, 1898)	**4** (24) 139-144 **(1977)**
Cypris	*subglobosa*	J. de C. Sowerby, 1840	**3** (22) 125-132 **(1976)**
Cythere	*hanaii*	Tsukagoshi & Ikeya, 1987	**24** (2) 5-12 **(1998)**
Cythereis	*lindiensis*	Bate, 1969	**13** (12) 59-62 **(1986)**
Cytherella	*postdenticulata*	Oertli, 1961	**2** (9) 53-56 **(1974)**
Cytherella (Cytherelloidea)	*chosta*	Doruk sp. nov.	**3** (14)69-72 **(1976)**

Cytherella (Cytherelloidea)	*glypta*	Doruk sp. nov.	**4** (25) 145-148 **(1977)**
Cytherella (Cytherelloidea)	*obolus*	Doruk sp. nov.	**3** (24) 141-144 **(1976)**
Cytherella (Cytherelloidea)	*ochthodes*	Doruk sp. nov.	**3** (13) 65-68 **(1976)**
Cytherella (Cytherelloidea)	*petrosa*	Doruk sp. nov.	**3** (12) 61-64 **(1976)**
Cytherella (Cytherelloidea)	*scarabaeus*	Doruk sp. nov.	**4** (26) 149-152 **(1977)**
Cytherellina	*elegans*	(Jones, 1887)	**23** (11) 45-48 **(1996)**
Cytherellina	*ruperti*	Petersen & Lundin sp. nov.	**23** (12) 49-52 **(1996)**
Cytherelloidea	*bonanzaensis*	Keij, 1964	**11** (13) 63-66 **(1984)**
Cytherelloidea	*kayei*	Weaver, 1982	**22** (12) 45-52 **(1995)**
Cytherelloidea	*longicostata*	Sheppard sp. nov.	**8** (25) 145-148 **(1981)**
Cytheretta	*adriatica*	Ruggieri, 1952	**4** (12) 69-78 **(1977)**
Cytheretta	*judaea*	(Brady, 1868)	**4** (11) 59-68 **(1977)**
Cytheretta	*teshekpukensis*	Swain, 1963	**2** (43) 271-278 **(1975)**
Cytheretta (Cytheretta)	*jurinei*	(v. Münster, 1830)	**13** (2) 9-16 **(1986)**
Cytheretta (Cytheretta)	*semipunctata*	(Bornemann, 1855)	**13** (1) 1-8 **(1986)**
Cytheretta (Flexus)	*plicata*	(v. Münster, 1830)	**10** (13) 75-82 **(1983)**
Cytheridea	*sandbergeri*	Kammerer sp. nov.	**16** (26) 120-127 **(1989)**
Cytheridea (Cytheridea)	*muelleri muelleri*	(v. Münster, 1830)	**11** (8) 29-36 **(1984)**
Cytheridea (Cytheridea)	*muelleri toenisbergensis*	Weiss, 1983	**11** (9) 37-44 **(1984)**
Cytheridea (Cytheridea)	*pernota*	Oertli & Keij, 1955	**11** (10) 45-52 **(1984)**
Cytheromorpha	*diamphidia*	Maybury sp. nov.	**20** (1) 1-4 **(1993)**
Cytheromorpha	*fuscata*	(Brady, 1869)	**18** (13) 49-56 **(1991)**
Cytheropteron	*abyssorum*	Brady, 1880	**21** (15) 63-70 **(1994)**
Cytheropteron	*brastadensis*	Lord sp. nov.	**8** (7) 37-40 **(1981)**
Cytheropteron	*bronwynae*	Joy & Clark, 1977	**22** (11) 41-44 **(1995)**
Cytheropteron	*byfieldense*	Boomer & Bodergat sp. nov.	**19** (1) 1-4 **(1992)**
Cytheropteron	*crassiscutum*	Ayress sp. nov.	**24** (1) 1-4 **(1998)**
Cytheropteron	*elofsoni*	Lord sp. nov.	**8** (6) 33-36 **(1981)**
Cytheropteron	*glintzboeckeli*	(Donze & Lefèvre, 1981)	**17** (11) 61-64 **(1990)**
Cytheropteron	*kempfi*	Boomer nom. nov.	**23** (21) 95 **(1996)**
Cytheropteron	*latissimum*	(Norman, 1865)	**15** (27) 127-132 **(1988)**
Cytheropteron	*nudum*	Boomer sp. nov.	**22** (24) 108-111 **(1995)** & **23** (21) 95 **(1996)**
Cytherura	*gibba*	(O. F. Müller, 1785)	**1** (50) 273-280 **(1973)**
Dabashanella	*retroswinga*	Huo, Shu & Fu, 1983	**16** (3) 13-16 **(1989)**
Daleiella	*corbuloides*	(Jones & Holl, 1869)	**18** (20) 81-84 **(1991)** & **18** (20) 81-84 **(1992)**
Darwinula	*incae*	Delachaux, 1928	**23** (9) 35-40 **(1996)**
Darwinula	*incurva*	Bate, 1967	**17** (8) 41-44 **(1990)**
Darwinula	*stevensoni*	Brady & Robertson, 1870	**25** (4) 17-22 **(1998)**
Distobolbina	*bispinata*	Schallreuter sp. nov.	**4** (3) 17-24 **(1977)**
Distobolbina	*grekoffi*	Schallreuter sp. nov.	**4** (4) 25-28 **(1977)**
Disulcina	*syltensis*	Schallreuter sp. nov.	**7** (4) 21-24 **(1980)**
Dizygopleura	*landesi*	Roth, 1929	**22** (2) 5-8 **(1995)**
Donmacythere	*damottae*	(Colin, 1974)	**11** (15) 71-74 **(1984)**
Duplicristatia	*asymmetrica*	Schallreuter gen. et sp. nov.	**5** (7) 49-56 **(1978)**
Duringia	*spinosa*	(Knüpfer, 1968)	**11** (3) 9-12 **(1984)**
Duringia	*triformosa*	Jones sp. nov.	**11** (4) 13-16 **(1984)**
Echinocythereis	*leckwijcki*	Wouters sp. nov.	**23** (7) 25-28 **(1996)**
Echinocythereis	*spinireticulata*	Kontrovitz, 1971	**16** (31) 152-155 **(1989)**
Editella	*dawubaensis*	Olempska gen. et sp. nov.	**25** (9) 39-42 **(1998)**
Egorovellina	*operosa*	Kanygin, 1965	**25** (6) 27-30 **(1998)**
Ektyphocythere	*anterocosta*	Boomer sp. nov.	**15** (21) 93-96 **(1988)**
Ektyphocythere	*bizoni*	Ainsworth, 1986	**18** (9) 33-36 **(1991)**
Ektyphocythere	*cookiana*	(Anderson, 1964)	**18** (28) 113-116 **(1991)**
Ektyphocythere	*lanceolata*	Boomer sp. nov.	**15** (20) 89-92 **(1988)**
Ektyphocythere	*quadrata*	Boomer & Lord sp. nov.	**15** (19) 85-88 **(1988)**
Elofsonia	*baltica*	(Hirschmann, 1909)	**1** (37) 193-200 **(1973)**
Elofsonia	*papillata*	Whatley & Maybury sp. nov.	**15** (16) 73-76 **(1988)**
Elofsonia	*praepusilla*	Maybury & Whatley sp. nov.	**15** (17) 77-80 **(1988)**
Elofsonia	*pusilla*	(Brady & Robertson, 1870)	**1** (38) 201-204 **(1973)**
Eocytheridea	*kirtlingtonensis*	Bate & Mellish sp. nov.	**13** (11) 55-58 **(1986)**
Eodominina	*ema*	Schallreuter sp. nov.	**24** (3) 13-16 **(1998)**
Eodominina	*nuela*	Schallreuter gen. et sp. nov.	**20** (29) 121-124 **(1993)**
Eographiodactylus	*sulcatus*	Schallreuter, 1975	**7** (1) 1-8 **(1980)**
Eohollina	*depressa*	(Kay, 1940)	**19** (28) 119-122 **(1992)**
Eolomatella	*bicuspidata*	Schallreuter sp. nov.	**8** (22) 129-136 **(1981)**
Eopilla	*ingelorae*	Schallreuter gen. et sp. nov.	**20** (28) 117-120 **(1993)**
Eridoconcha	*simpsoni*	Harris, 1931	**17** (4) 13-18 **(1990)**
Eucypris	*fontana*	(Graf, 1931)	**8** (16) 87-92 **(1981)** & **9** (25) 144 **(1982)**
Eucypris	*virens*	(Jurine, 1820)	**23** (14) 61-68 **(1996)**
Eucythere	*anglica*	Brady, 1868	**12** (2) 7-10 **(1985)**
Eucythere	*argus*	(Sars, 1866)	**13** (15) 71-76 **(1986)**
Eucythere	*declivis*	(Norman, 1865)	**12** (1) 1-6 **(1985)**
Eucythere	*prava*	Brady & Robertson, 1869	**12** (3) 11-14 **(1985)**
Eucytherura	*allisonensis*	Boomer sp. nov.	**22** (25) 112-115 **(1995)**
Eucytherura	*loenensis*	Boomer sp. nov.	**23** (4) 13-16 **(1996)**
Eurybolbina	*bispinata*	(Harris, 1957)	**19** (27) 115-118 **(1992)**

Exposterocythere	*margaritata*	(Krömmelbein, 1975)	**21** (20) 91-94 **(1994)**
Exposterocythere	*queenslandensis*	(Krömmelbein, 1975)	**21** (21) 95-98 **(1994)**
Falites	*fala*	Müller, 1964	**23** (20) 89-94 **(1996)**
Fallaticella	*schaeferi*	Schallreuter, 1984	**16** (6) 25-28 **(1989)**
Femerensia	*gealbertii*	Schallreuter gen. et sp. nov.	**10** (15) 91-94 **(1983)**
Fidelitella (Sibiritella)	*rara*	(Ivanova, 1955)	**19** (10) 37-40 **(1992)**
Foramenella	*parkis*	(Neckaja, 1952)	**7** (3) 17-20 **(1980)**
Frambocythere	*tumiensis ferreri*	Colin, 1980	**18** (10) 37-40 **(1991)**
Frostiella	*groenvalliana*	Martinsson, 1963	**18** (31) 125-134 **(1991)**
Fuscinullina (Fuscinullina)	*pectinata*	Kanygin, 1967	**25** (2) 5-8 **(1998)**
Galliaecytheridea	*elegans*	(Sharapova, 1937)	**6** (6) 31-34 **(1979)**
Galliaecytheridea	*gorodischensis*	Fuller & Lord sp. nov.	**6** (7) 35-42 **(1979)**
Galliaecytheridea	*miranda*	(Lyubimova, 1955)	**6** (8) 43-46 **(1979)**
Galliaecytheridea	*volgaensis*	(Lyubimova, 1955)	**6** (9) 47-50 **(1979)**
Gambiella	*caelata*	Witte gen. et sp. nov.	**12** (25) 141-148 **(1985)**
Gammacythere	*klingleri*	Boomer sp. nov.	**17** (15) 77-80 **(1990)**
Gammacythere	*ubiquita*	Malz & Lord, 1976	**4** (9) 49-52 **(1977)**
Garciana	*jaanussoni*	(de García & Proserpio, 1978)	**21** (28) 123-126 **(1994)**
Geisina	*gregaria*	(Ulrich & Bassler, 1906)	**19** (15) 67-70 **(1992)**
Gellensia	*nodoreticulata*	Schallreuter sp. nov.	**9** (19) 105-108 **(1982)**
Gerodia	*ratina*	Gründel, 1962	**19** (18) 79-82 **(1992)**
Ghardaglaia	*ambigua*	Neale sp. nov.	**6** (19) 99-106 **(1979)**
Ginginella	*maudriseensis*	Majoran sp. nov.	**25** (1) 1-4 **(1998)**
Glezeria	*belgica*	(Matern, 1929)	**19** (8) 29-32 **(1992)**
Glyptocythere	*costata*	Bate, 1965	**3** (16) 77-80 **(1976)**
Glyptocythere	*oscillum*	(Jones & Sherborn, 1888)	**4** (15) 91-94 **(1977)**
Glyptocythere	*penni*	Bate & Mayes sp. nov.	**4** (6) 33-40 **(1977)**
Glyptocythere	*polita*	Bate, 1965	**3** (15) 73-76 **(1976)**
Glyptocythere	*raasayensis*	Stevens sp. nov.	**12** (6) 23-30 **(1985)**
Glyptocythere	*scitula*	Bate, 1965	**4** (16) 95-98 **(1977)**
Glyptolichvinella	*ovicella*	Lundin & Visintainer sp. nov.	**14** (33) 143-148 **(1987)**
Glyptolichvinella	*spiralis*	(Jones & Kirkby, 1884)	**14** (32) 139-142 **(1987)**
Glyptopleura	*henbesti*	Croneis & Gutke, 1939	**17** (2) 5-8 **(1990)**
Glyptopleuroides	*insculptus*	Croneis & Gale, 1939	**19** (7) 25-28 **(1992)**
Gotula	*gotlandica*	(Schallreuter, 1967)	**12** (26) 149-156 **(1985)**
Hamanella	*implexa*	Finger, 1983	**11** (5) 17-20 **(1984)**
Haplocytheridea	*debilis*	(Jones, 1857)	**1** (35) 181-188 **(1973)**
Haplocytheridea	*mantelli*	Keen sp. nov.	**1** (36) 189-192 **(1973)**
Harpabollia	*argentina*	Schallreuter sp. nov.	**22** (20) 82-85 **(1995)**
Harperopsis	*scripta*	(Harper, 1947)	**10** (2) 5-12 **(1983)**
Hastatellina	*normandiensis*	Pribyl, 1975	**10** (17) 99-102 **(1983)**
Healdianella?	*aremorica*	Crasquin sp. nov.	**14** (7) 25-28 **(1987)**
Hemicypris	*bairdi*	Martens & Wouters sp. nov.	**12** (24) 135-140 **(1985)**
Hemicypris	*dentatomarginata*	(Baird, 1859)	**12** (23) 127-134 **(1985)**
Hemicythere	*villosa*	(Sars, 1866)	**8** (5) 27-32 **(1981)**
Hemicytherura	*aegyptica*	Hartmann, 1964	**8** (2) 7-12 **(1981)**
Hemicytherura	*cellulosa*	(Norman, 1865)	**1** (14) 77-84 **(1973)** & **8** (1) 1-6 **(1981)**
Hemicytherura	*fulva*	McKenzie, Reyment & Reyment, 1993	**23** (3) 9-12 **(1996)**
Hemicytherura	*hoskini*	Horne sp. nov.	**8** (3) 13-18 **(1981)**
Hemicytherura	*tricarinata*	Hanai, 1957	**15** (30) 143-146 **(1988)**
Hemicytherura	*videns*	(Müller, 1894)	**8** (4) 19-26 **(1981)**
Hemingwayella	*pumilio*	(Brady, 1880)	**18** (12) 45-48 **(1991)**
Hemiparacytheridea	*larwoodi*	Boomer sp. nov.	**22** (26) 116-119 **(1995)**
Hemsiella	*maccoyiana*	(Jones, 1855)	**17** (10) 53-60 **(1990)**
Henningsmoenia	*costa*	Orr sp. nov.	**12** (12) 61-68 **(1985)**
Henningsmoenia	*gunnari*	(Thorslund, 1948)	**12** (11) 57-60 **(1985)**
Hermanites	*transversicostata*	Khalaf sp. nov.	**9** (11) 59-62 **(1982)**
Heterocyprideis	*macrotuberculata*	Masson & Whatley sp. nov.	**4** (13) 79-86 **(1977)**
Heterocypris	*luzonensis*	Neale sp. nov.	**8** (15) 79-86 **(1981)**
Heterocythereis	*albomaculata*	(Baird, 1838)	**6** (22) 117-124 **(1979)**
Heterocythereis	*voraginosa*	Athersuch sp. nov.	**6** (23) 125-132 **(1979)**
Hiltermannicythere	*emaciata*	(Brady, 1867)	**12** (8) 39-44 **(1985)**
Hiltermannicythere	*rubra*	(Müller, 1894)	**12** (9) 45-48 **(1985)**
Hippula (Cetona)	*turris*	(Schallreuter, 1967)	**11** (1) 1-4 **(1984)**
Hirschmannia	*viridis*	(O. F. Müller, 1785)	**2** (24) 149-156 **(1975)**
Hithis	*colonus*	Schallreuter & Siveter sp. nov.	**9** (15) 85-88 **(1982)**
Homeokiesowia	*epicopa*	Siveter sp. nov.	**9** (16) 89-92 **(1982)**
Homeokiesowia	*frigida*	(Sarv, 1959)	**6** (15) 75-78 **(1979)**
Hornibrookella	*anna*	(Lienenklaus, 1894)	**2** (34) 211-214 **(1975)**
Howeina	*camptocytheroidea*	Hanai, 1957	**14** (9) 33-36 **(1987)**
Huntonella	*bransoni*	Lundin, 1968	**18** (22) 89-92 **(1991)**
Iberocypris	*cornutus*	Babinot, 1985	**13** (28) 129-132 **(1986)**
Ilyocypris	*monstrifica*	(Norman, 1862)	**1** (28) 149-152 **(1973)**
Ilyocypris	*quinculminata*	Sylvester-Bradley sp. nov.	**1** (15) 85-88 **(1973)**

Alphabetical listing by genus

Ilyocypris	*schwarzbachi*	Kempf, 1967	**2** (38) 239-246 **(1975)**
Ilyocypris	*taprobanensis*	Neale sp. nov.	**3** (6) 37-40 **(1976)**
Inversibolbina	*lehnerti*	Schallreuter gen. et sp. nov.	**22** (6) 21-24 **(1995)**
Jaanussonia	*unicerata*	Schallreuter, 1971	**15** (29) 137-142 **(1988)**
Jonesia	*marecorallinensis*	Correge sp. nov.	**19** (24) 103-106 **(1992)**
Juraleberis	*jubata*	Vannier & Siveter gen. et sp. nov.	**22** (21) 86-95 **(1995)**
Kanyginia	*hartmanni*	Schallreuter & Kanygin sp. nov.	**19** (9) 33-36 **(1992)**
Karinutatia	*crux*	Schallreuter gen. et sp. nov.	**5** (6) 45-48 **(1978)**
Karinutatia	*ren*	Schallreuter, 1984	**23** (16) 73-76 **(1996)**
Kayina	*hybosa*	Harris, 1957	**20** (10) 41-44 **(1993)**
Kefiella	*maresi*	Donze & Said, 1982	**13** (14) 67-70 **(1986)**
Keijella	*clauda*	Doruk sp. nov.	**1** (11) 61-64 **(1973)**
Keijella	*dolabrata*	Doruk sp. nov.	**1** (12) 65-68 **(1973)**
Keijella	*hodgii*	(Brady, 1866)	**1** (9) 53-56 **(1973)**
Keijella	*procera*	Doruk sp. nov.	**1** (10) 57-60 **(1973)**
Kellettina	*carnica*	Ruggieri & Siveter sp. nov.	**2** (35) 215-222 **(1975)**
Kiesowia (Kiesowia)	*dissecta*	(Krause, 1892)	**6** (16) 79-86 **(1979)**
Kiltsiella	*rosensteinae*	(Sarv, 1962)	**20** (3) 9-12 **(1993)**
Kindlella	*melnyki*	Dewey & Kohn sp. nov.	**19** (22) 95-98 **(1992)**
Kinkelinella	*malzi*	(Dépêche, 1973)	**8** (8) 41-44 **(1981)**
Kirkbyrhiza	*primaeva*	(Roth, 1929)	**22** (22) 96-103 **(1995)**
Kirkbyrhiza	*retifera*	(Roth, 1929)	**24** (6) 33-40 **(1998)**
Klimphores	*planus*	Schallreuter, 1966	**7** (2) 9-16 **(1980)**
Knoxina	*lecta*	Coryell & Rogatz, 1932	**21** (13) 51-58 **(1994)**
Kotoracythere	*koreana*	Huh, Whatley & Paik sp. nov.	**22** (16) 66-69 **(1995)**
Kotoracythere	*tatsunokuchiensis*	Ishizaki, 1966	**22** (15) 62-65 **(1995)**
Kovalevskiella	*caudata*	(Lutz, 1965)	**14** (11) 41-44 **(1987)**
Kroemmelbeinia	*valensis*	Schallreuter sp. nov.	**12** (5) 19-22 **(1985)**
Kuiperiana	*bathymarina*	Ayress, Coles & Whatley sp. nov.	**21** (7) 27-30 **(1994)**
Kuiperiana	*dryppa*	(Whatley & Coles, 1987)	**20** (7) 29-32 **(1993)**
Kuiperiana	*juglandica*	Ayress sp. nov.	**19** (17) 75-78 **(1992)**
Kuiperiana	*paravariesculpta*	Maybury sp. nov.	**22** (10) 37-40 **(1995)**
Kuiperiana	*robusta*	Whatley & Maybury sp. nov.	**14** (17) 73-76 **(1987)**
Kullmannissites	*kullmanni*	Becker, 1981	**16** (10) 43-46 **(1989)**
Kuzminaella	*venusta*	Tschigova, 1977	**21** (12) 47-50 **(1994)**
Leguminocythereis	*chittagongensis*	Neale & Ahmed sp. nov.	**13** (22) 101-104 **(1986)**
Leocytheridea	*polleti*	Keen gen. et sp. nov.	**11** (16) 75-82 **(1984)**
Leptocythere	*baltica*	Klie, 1929	**12** (18) 93-98 **(1985)**
Leptocythere	*multipunctata*	(Seguenza, 1884)	**7** (27) 151-154 **(1980)**
Leptocythere	*porcellanea*	(Brady, 1869)	**12** (19) 99-106 **(1985)**
Leptocythere	*psammophila*	Guillaume, 1976	**15** (26) 123-126 **(1988)**
Lesleya	*bathonica*	Bate gen. et sp. nov.	**5** (12) 81-88 **(1978)**
Leucocythere	*plena*	Zhao sp. nov.	**14** (28) 123-126 **(1987)**
Leucocythere	*weiningensis*	Zhao sp. nov.	**14** (27) 119-122 **(1987)**
Limbinariella	*marcoreticulata*	Sarv, 1968	**18** (2) 5-8 **(1991)**
Limnocythere	*eiggensis*	Wakefield nom. nov.	**22** (27) 120-123 **(1995)**
Limnocythere	*hibernica*	Athersuch sp. nov.	**16** (30) 148-151 **(1989)**
Limnocythere	*shixiaensis*	(Wang, 1980)	**12** (7) 31-38 **(1985)**
Limnocythere	*xinanensis*	Zhao sp. nov.	**14** (29) 127-130 **(1987)**
Lindisfarnia	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
Lindisfarnia	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Loculicytheretta	*pavonia*	(Brady, 1866)	**1** (43) 237-244 **(1973)**
Loculicytheretta (Heptaloculites)	*cavernosa*	(Apostolescu & Magne, 1956)	**1** (5) 35-40 **(1973)**
Loculicytheretta (Heptaloculites)	*semirugosa*	(Apostolescu & Magne, 1956)	**1** (6) 41-42 **(1973)**
Loculicytheretta (Heptaloculites)	sp.A		**1** (7) 43-44 **(1973)**
Lodesia	*adiastola*	Schallreuter & Lehnert gen. et sp. nov.	**20** (27) 113-116 **(1993)**
Lomatobolbina	*vonhachtorum*	Schallreuter sp. nov.	**8** (10) 51-54 **(1981)**
Lomatopisthia	*auricula*	(Harris, 1957)	**18** (5) 17-20 **(1991)**
Lomatopisthia	*simplex*	(Harris, 1957)	**18** (4) 13-16 **(1991)**
Londinia	*kiesowi*	(Krause, 1891)	**17** (9) 45-52 **(1990)**
Longiscella	*grandis*	(Jones & Holl, 1869)	**22** (3) 9-12 **(1995)**
Lophocypris	*shulanensis*	Zhang & Zhao gen. et sp. nov.	**16** (2) 9-12 **(1989)**
Lophocythere (Lophocythere)	*ostreata*	(Jones & Sherborn, 1888)	**2** (25) 157-164 **(1975)**
Lophocythere (Neurocythere)	*bradiana*	(Jones, 1884)	**2** (26) 165-172 **(1975)**
Lophocythere (Neurocythere)	*minuta*	(Peterson, 1954)	**2** (42) 267-270 **(1975)**
Loxocauda	*subquadrata*	Maybury & Whatley sp. nov.	**14** (18) 77-80 **(1987)**
Loxoconcha	*affinis*	(Brady, 1866)	**3** (18) 91-98 **(1976)**
Loxoconcha	*alata*	Brady, 1868	**4** (17) 99-106 **(1977)**
Loxoconcha	*amygdalanux*	Bate & Gurney, 1981	**11** (21) 107-110 **(1984)**
Loxoconcha	*athersuchi*	Whatley & Maybury sp. nov.	**15** (18) 81-84 **(1988)**
Loxoconcha	*conjugalis*	Athersuch sp. nov.	**4** (20)119-126 **(1977)**
Loxoconcha	*cuneiformis*	Malcolmson, 1886	**9** (4) 21-26 **(1982)** & **12** (27) 157 **(1985)**
Loxoconcha	*dimorpha*	Hartmann, 1959	**9** (5) 27-32 **(1982)**
Loxoconcha	*elliptica*	Brady, 1868	**3** (19) 99-106 **(1976)**
Loxoconcha	*linleyi*	Horne sp. nov.	**9** (6) 33-40 **(1982)**

Loxoconcha	*malcomsoni*	Horne & Robinson nom. nov.	**12** (27) 157 **(1985)**
Loxoconcha	*multiornata*	Bate & Gurney, 1981	**11** (19) 99-102 **(1984)**
Loxoconcha	*nea*	Barbeito-Gonzalez, 1971	**4** (19) 115-118 **(1977)**
Loxoconcha	*ovulata*	(Costa, '1863')	**6** (25) 141-150 **(1979)**
Loxoconcha	*pararhomboidea*	Whatley & Maybury sp. nov.	**15** (3) 9-12 **(1988)**
Loxoconcha	*pontica*	Klie, 1937	**7** (10) 53-60 **(1980)**
Loxoconcha	*praepontica magna*	Maybury & Whatley subsp. nov.	**15** (2) 5-8 **(1988)**
Loxoconcha	*praepontica praepontica*	Maybury & Whatley subsp. nov.	**15** (1) 1-4 **(1988)**
Loxoconcha	*rhomboidea*	(Fischer, 1855)	**3** (17) 81-90 **(1976)**
Loxoconcha	*rubritincta*	Ruggieri, 1964	**3** (20) 107-116 **(1976)**
Loxoconcha	*stellifera*	G. W. Müller, 1894	**4** (18) 107-114 **(1977)**
Loxoconcha	*undulata*	Al-Furaih sp. nov.	**11** (20) 103-106 **(1984)**
Loxocorniculum	*grateloupianum*	(Bosquet, 1852)	**17** (12) 65-68 **(1990)**
Loxocorniculum	*micrograteloupianum*	Maybury sp. nov.	**17** (13) 69-72 **(1990)**
Loxocorniculum	*multireticulatum*	Maybury sp. nov.	**20** (24) 101-104 **(1993)**
Loxoreticulatum	*fallax*	(G. W. Müller, 1908)	**1** (49) 269-272 **(1973)**
Macrypsilon	*salterianum*	(Jones, 1855)	**16** (22) 100-105 **(1989)**
Maghrebeis	*tuberculata*	Majoran gen. et sp. nov.	**14** (8) 29-32 **(1987)**
Majungaella	*ticka*	(Krömmelbein, 1975)	**21** (22) 99-102 **(1994)**
Malguzaria	*sarvi*	Michailova, 1972	**20** (16) 67-70 **(1993)**
Malzella	*bellegladensis*	(Kontrovitz, 1978)	**17** (28) 145-148 **(1990)**
Mammoides	*dorsospinosus*	Sohn, 1961	**18** (18) 73-76 **(1991)**
Mandelstamia	*ventrocornuta*	(Sharapova, 1939)	**6** (10) 51-54 **(1979)**
Marslatourella	*bullata*	Bate, 1967	**1** (51) 281-284 **(1973)**
Marslatourella	*dorsispinata*	Bate & Stephens sp. nov.	**1** (52) 285-288 **(1973)**
Metacypris	*aphthosa*	Zhao sp. nov.	**14** (30) 131-134 **(1987)**
Microcheilinella	*distorta*	(Geis, 1932)	**16** (8) 35-38 **(1989)**
Microcheilinella	*gigas*	Birkmann & Lundin sp. nov.	**22** (4) 13-16 **(1995)**
Micropneumatocythere	*brendae*	Sheppard sp. nov.	**5** (13) 89-96 **(1978)**
Micropneumatocythere	*crassa*	(Peterson, 1954)	**2** (41) 263-266 **(1975)**
Micropneumatocythere	*falcata*	Sheppard sp. nov.	**5** (14) 97-100 **(1978)**
Micropneumatocythere	*tumida*	Stephens & Ware sp. nov.	**7** (19) 113-116 **(1980)**
Miehlkella	*cribroporata*	Schallreuter gen. et sp. nov.	**4** (2) 9-16 **(1977)**
Moeckowia	*rava*	(Sarv, 1959)	**21** (2) 5-8 **(1994)**
Monasterium	*oepiki*	Fleming, 1973	**19** (29) 123-130 **(1992)**
Monoceratina	*scrobiculata*	Triebel & Bartenstein, 1938	**6** (21) 113-116 **(1979)**
Muellerina	*hazeli*	Coles & Cronin sp. nov.	**14** (6) 21-24 **(1987)**
Muhuaella	*spinosa*	Olempska gen. et sp. nov.	**25** (8) 35-38 **(1998)**
Mutilus	*albicans*	Ruggieri, 1958	**1** (26) 141-144 **(1973)**
Mutilus	*cimbaeformis*	(Seguenza, 1882)	**1** (22) 121-124 **(1973)**
Mutilus	*convexus*	(Baird, 1850)	**1** (24) 129-136 **(1973)**
Mutilus	*elegantulus*	Ruggieri & Sylvester-Bradley sp. nov.	**2** (47) 295 **(1975)**
Mutilus	*freudenthali*	(Sissingh, 1972)	**1** (23) 125-128 **(1973)**
Mutilus	*keiji*	Ruggieri, 1962	**1** (21) 117-120 **(1973)**
Mutilus	*retiformis*	(Terquem, 1878)	**1** (20) 109-116 **(1973)**
Mutlius	*speyeri*	(Brady, 1868)	**1** (25) 137-140 **(1973)**
Naevhithis	*naevus*	Schallreuter gen. et sp. nov.	**8** (23) 137-140 **(1981)**
Nannocythere	*pava*	(Malcomson, 1886)	**10** (7) 29-38 **(1983)**
Navarracythere	*estellensis*	Colin & Rodriguez-Lazaro gen. et sp. nov.	**13** (13) 63-66 **(1986)**
Neoamphissites	*costatus*	Becker & Wang, 1992	**20** (19) 81-84 **(1993)**
Neoeuglyphella	*mandelbaumae*	Dewey & Puckett gen. et sp. nov.	**17** (20) 97-100 **(1990)**
Nigeroloxoconcha	*oniseguni*	Reyment, 1963	**13** (25) 113-116 **(1986)**
Nigeroloxoconcha	*oyesesei*	Reyment, 1963	**13** (26) 117-120 **(1986)**
Nipponocythere	*colalongoae*	(Ciampo, 1986)	**20** (5) 17-24 **(1993)**
Nipponocythere	*cuneata*	Ayress & Correge sp. nov.	**20** (6) 25-28 **(1993)**
Nodella	*hamata*	Becker, 1968	**16** (25) 116-119 **(1989)**
Notiocypridopsis	*frigogena*	(Graf, 1931)	**8** (18) 101-106 **(1981)**
Ogmoconcha	*ambo*	Lord & Moorley sp. nov.	**2** (3) 9-16 **(1974)**
Ogmoconcha	*contractula*	Triebel, 1941	**23** (13) 53-60 **(1996)**
Ogmoconcha	*eocontractula*	Park sp. nov.	**11** (14) 67-70 **(1984)**
Ogmoconchella	*martini*	(Anderson, 1964)	**18** (30) 121-124 **(1991)**
Oligocythereis	*kostytschevkaensis*	(Lyubimova, 1955)	**6** (11) 55-62 **(1979)**
Ommatokrithe	*prolata*	Ahmad gen. et sp. nov.	**4** (22) 131-134 **(1977)**
Oncocypris	*pustulosa*	Gurney, 1916	**3** (4) 21-28 **(1976)**
Orcofabella	*testata*	(Gailite, 1966)	**18** (1) 1-4 **(1991)**
Ordovizona	*immanis*	Becker, 1994	**22** (5) 17-20 **(1995)**
Orionina	*bireticulata*	Doruk sp. nov.	**2** (11) 61-64 **(1974)**
Orionina	*caboverdensis*	Wouters sp. nov.	**23** (8) 29-34 **(1996)**
Orionina	*tegminata*	Doruk sp. nov.	**2** (10) 57-60 **(1974)**
Pachydomelloides	*braderupensis*	Schallreuter sp. nov.	**7** (14) 77-80 **(1980)**
Paijenborchella (Eopaijenborchella)	*malaiensis cymbula*	Ruggieri, 1950	**1** (30) 161-164 **(1973)**
Paijenborchella (Eopaijenborchella)	*mouliana*	(Sissingh, 1972)	**1** (31) 165-168 **(1973)**
Paijenborchellina	*alata*	Gurney sp. nov.	**6** (5) 27-30 **(1979)**

Paijenborchellina	*venosa*	Gurney sp. nov.	**6** (20) 107-112 **(1979)**
Palmoconcha	*bitruncata*	(Brady, 1878)	**21** (11) 43-46 **(1994)**
Palmoconcha	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
Palmoconcha	*hornei*	Maybury & Whatley sp. nov.	**15** (4) 13-16 **(1988)**
Palmoconcha	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Palmoconcha	*ruggierii*	Maybury sp. nov.	**18** (27) 109-112 **(1991)**
Paracandona	*occitanica*	Babinot & Tambareau sp. nov.	**13** (30) 137-144 **(1986)**
Paracathaycythere	*costaereticulata*	Whatley & Zhao gen. et sp. nov.	**18** (23) 93-96 **(1991)**
Paracathaycythere	*scabra*	Zhao & Whatley sp. nov.	**18** (24) 97-100 **(1991)**
Paracypris	*jhingrani*	Singh & Tewari, 1966	**13** (10) 51-54 **(1986)**
Paracytheridea	*anapetes*	Ahmad sp. nov.	**4** (7) 41-44 **(1977)**
Paracytheridea	*cuneiformis*	(Brady, 1868)	**11** (11) 53-58 **(1984)**
Paracytheridea	*hexalpha*	Doruk sp. nov.	**7** (26) 147-150 **(1980)**
Paracytheridea	*inscita*	Doruk sp. nov.	**7** (25) 143-146 **(1980)**
Paracytheromorpha	*rimafossa*	Maybury & Whatley gen. et sp. nov.	**13** (3) 17-20 **(1986)**
Paragrenocythere	*biclavata*	Al-Furaih gen. et sp. nov.	**2** (37) 231-238 **(1975)**
Parahemingwayella	*ginginensis*	Boomer & Whittaker sp. nov.	**21** (8) 31-34 **(1994)**
Paralimnocythere	*vulgaris*	McKenzie & Swanson sp. nov.	**8** (9) 45-50 **(1981)**
Paranotacythere	*speetonensis*	(Neale, 1962)	**7** (7) 33-36 **(1980)**
Paranotacythere (Paranotacythere)	*magnifica*	Lomax sp. nov.	**12** (14) 73-76 **(1985)**
Parapokornyella	*taxyae*	(Babinot, 1970)	**13** (29) 133-136 **(1986)**
Pariceratina	*ubiquita*	Boomer sp. nov.	**21** (18) 79-86 **(1994)**
Parulrichia	*bispinosa*	Lundin & Siveter sp. nov.	**20** (14) 59-62 **(1993)**
Parulrichia	*diversa*	(Jones & Holl, 1886)	**20** (13) 55-58 **(1993)**
Patagonacythere	*devexa*	(Müller, 1908)	**1** (33) 173-176 **(1973)**
Pattersoncypris	*micropapillosa*	Bate, 1972	**1** (19) 101-108 **(1973)**
Pejonesia	*sestina*	(Fleming, 1973)	**19** (2) 5-8 **(1992)**
Pelecocythere	*sylvesterbradleyi*	Athersuch gen. et sp. nov.	**6** (3) 13-20 **(1979)**
Pellucistoma	*punctata*	Ayress sp. nov.	**23** (2) 5-8 **(1996)**
Pennyella	*pennyi*	Neale gen. et sp. nov.	**2** (21) 125-132 **(1974)**
Phalcocythere	*horrescens*	(Bosquet, 1852)	**5** (19) 117-120 **(1978)**
Philomedes	*donzei*	Neale sp. nov	**3** (2) 9-12 **(1976)**
Pilla	*latolobata*	Jones & Schallreuter sp. nov.	**17** (19) 93-96 **(1990)**
Pilla	*piformis*	Schallreuter & Siveter gen. et sp. nov.	**15** (7) 25-28 **(1988)**
Piretia	*commasulcata*	Schallreuter sp. nov.	**12** (4) 15-18 **(1985)**
Piretopsis (Cerninella)	*bohemica*	(Barrande, 1872)	**11** (25) 127-136 **(1984)**
Platybolbina	*runica*	Schallreuter & Kruta sp. nov.	**11** (24) 123-126 **(1984)**
Platybolbina (Reticulobolbina)	*spongiosoreticulata*	Schallreuter, 1972	**6** (13) 67-70 **(1979)**
Ploteristes	*sylvesterbradleyi*	Siveter gen. et sp. nov.	**21** (26) 115-118 **(1994)**
Pokornyella	*mersondaviesi*	(Latham, 1938)	**12** (22) 123-126 **(1985)**
Poloniella	*adamczaki*	Lundin sp. nov.	**21** (25) 111-114 **(1994)** & **22** (14) 61 **(1995)**
Poloniella	*schallreuteri*	Lundin nom. nov.	**22** (14) 61 **(1995)**
Polycope	*choane*	Hasan sp. nov.	**10** (11) 67-70 **(1983)**
Polycope	*foraminosa*	Hasan sp. nov.	**10** (10) 63-66 **(1983)**
Polycope	*frigida*	Neale sp. nov.	**8** (11) 55-62 **(1981)**
Polycope	*moenia*	Joy & Clark, 1977	**22** (23) 104-107 **(1995)**
Polycope	*regina*	Hasan sp. nov.	**10** (12) 71-74 **(1983)**
Polydontoconcha	*hyperdonta*	Zhao & Whatley gen. et sp. nov.	**18** (26) 105-108 **(1991)**
Primitiella	*minima*	(Harris, 1957)	**21** (27) 119-122 **(1994)**
Primitivothlipsurella	*obtusa*	Petersen & Lundin sp. nov.	**16** (20) 86-93 **(1989)**
Primitivothlipsurella	*v-scripta*	(Jones & Holl, 1869)	**16** (19) 78-85 **(1989)**
Processobairdia	*nodocerata*	Blumenstengel, 1965	**19** (20) 87-90 **(1992)**
Procythereis	*iganderssoni*	(Skogsberg, 1928)	**1** (18) 97-100 **(1973)**
Procythereis	*torquata*	(Skogsberg, 1928)	**1** (17) 93-96 **(1973)**
Procytheridea	*exempla*	Peterson, 1954	**2** (39) 247-254 **(1975)**
Procytheridea	*fraudator*	Sherrington & Lord sp. nov.	**2** (40) 255-262 **(1975)**
Procytheropteron	*prolongatum*	(Sharapova, 1939)	**7** (20) 117-124 **(1980)**
Progonocythere	*levigata*	Bate, 1967	**16** (4) 17-20 **(1989)**
Progonocythere	*reticulata*	Bate, 1963	**4** (14) 87-90 **(1977)**
Progonocythere	*stilla*	Sylvester-Bradley, 1948	**2** (27) 173-180 **(1975)**
Propontocypris	*pirifera*	(G. W. Müller, 1894)	**9** (13) 69-76 **(1982)**
Propontocypris	*trigonella*	(Sars, 1866)	**9** (12) 63-68 **(1982)**
Pseudocandona	*ceratina*	Mazepova, 1982	**19** (11) 41-48 **(1992)**
Pseudocandona	*gajewskajae*	Bronstein, 1947	**19** (12) 49-56 **(1992)**
Pseudulrichia	*albraca*	Schallreuter & Lehnert sp. nov.	**20** (26) 109-112 **(1993)**
Pterygocythereis	*jonesii*	(Baird, 1850)	**5** (2) 9-16 **(1978)** & **6** (27) 154 **(1979)**
Pterygocythereis	*vannieuwenhuisei*	Brouwers sp. nov.	**14** (5) 17-20 **(1987)**
Pterygocythereis	*siveteri*	Athersuch sp. nov.	**5** (1) 1-8 **(1978)**
Ptychobairdia	*limbata*	Sheppard sp. nov.	**8** (26) 149-152 **(1981)**
Puncia	*levis*	Herrig, 1988	**18** (15) 61-64 **(1991)**
Punctoschmidtella	*pauciperforata*	(Harris, 1957)	**20** (11) 45-48 **(1993)**
Puriana	*fissispinata*	Benson & Coleman, 1963	**2** (45) 283-286 **(1975)**
Puriana	*pacifica*	Benson, 1959	**2** (44) 279-282 **(1975)**
Pyxion	*posterobicarinatum*	Schallreuter sp. nov.	**6** (17) 87-90 **(1979)**
Quadracythere	*keeni*	Slipper sp. nov.	**15** (11) 41-44 **(1988)**
Quadracythere	*nodosa*	Haskins, 1971	**15** (12) 45-48 **(1988)**
Quadraleberis	*exquisita*	Bate & Sheppard gen. et sp. nov.	**7** (18) 107-112 **(1980)**

Quadritia (Krutatia)	*iunior*	Schallreuter subgen. et sp. nov.	**8** (21) 125-128 **(1981)**
Qujingsia	*nonaculeata*	Hansch & Wang, gen et sp. nov.	**18** (19) 77-80 **(1991)**
Rabienoscapha	*tergocornuta*	Becker, 1989	**19** (19) 83-86 **(1992)**
Radimella	*confragosa*	(Edwards, 1944)	**3** (9) 49-52 **(1976)**
Radimella	*darwini*	Pokorný, 1969	**3** (8) 45-48 **(1976)**
Radimella	*dictyon*	Pokorný, 1968	**3** (7) 41-44 **(1976)**
Radimella?	*aurita*	(Skogsberg, 1928)	**3** (10) 53-56 **(1976)**
Radimella?	*floridana*	(Benson & Coleman, 1963)	**3** (11) 57-60 **(1976)**
Raimbautina	*hammanni*	Vannier gen. et sp. nov.	**11** (22) 111-118 **(1984)**
Rectella	*siveteri*	Petersen & Lundin sp. nov.	**19** (26) 111-114 **(1992)**
Refrathella	*struvei*	Becker, 1967	**17** (23) 113-116 **(1990)**
Reginea	*reginae*	Schallreuter gen. et sp. nov.	**10** (5) 21-24 **(1983)**
Renibeyrichia	*mulciber*	Siveter gen. et sp. nov.	**3** (1) 1-8 **(1976)**
Reticulocosta	*ornatoreticulata*	(Reyment, 1963)	**15** (10) 37-40 **(1988)**
Reticypris	*pinguis*	De Deckker sp. nov.	**8** (17) 93-100 **(1981)**
Retinoda	*sulcata*	(Knüpfer, 1968)	**13** (4) 21-24 **(1986)**
Richterina	*permiana*	Kohn & Dewey sp. nov.	**19** (16) 71-74 **(1992)**
Rishona	*epicypha*	(Kesling & Kilgore, 1955)	**16** (12) 51-54 **(1989)**
Robertsonites	*tuberculatus*	(Sars, 1866)	**10** (8) 39-52 **(1983)**
Robustaurila	*ishizakii*	(Okubo, 1980)	**17** (27) 137-144 **(1990)**
Robustaurila	*kianohybrida*	(Hu, 1982)	**17** (26) 129-136 **(1990)**
Robustaurila	*salebrosa*	(Brady, 1869)	**17** (25) 121-128 **(1990)**
Rockallia	*enigmatica*	Whatley, Frame & Whittaker gen. et sp. nov.	**5** (24) 137-144 **(1978)**
Romecytheridea	*ampla*	Wouters sp. nov.	**15** (23) 101-106 **(1988)**
Romecytheridea	*tenuisculpta*	(Rome, 1962)	**15** (22) 97-100 **(1988)**
Roundstonia	*magna*	Maybury & Whatley sp. nov.	**13** (20) 93-96 **(1986)**
Roundstonia	*minima*	Whatley & Maybury sp. nov.	**13** (21) 97-100 **(1986)**
Sagmatocythere	*alaefortis alaefortis*	Whatley & Maybury sp. et subsp. nov.	**14** (20) 85-88 **(1987)**
Sagmatocythere	*alaefortis gallica*	Whatley & Maybury subsp. nov.	**14** (21) 89-92 **(1987)**
Sagmatocythere	*minuta*	Maybury & Whatley sp. nov.	**14** (19) 81-84 **(1987)**
Sagmatocythere	*napoliana*	(Puri, 1963)	**3** (21) 117-124 **(1974)**
Sagmatocythere	*paracercinata*	Whatley & Maybury sp. nov.	**11** (6) 21-24 **(1984)**
Sagmatocythere	*paravariolata*	Maybury sp. nov.	**21** (17) 75-78 **(1994)**
Sagmatocythere	*pseudomultifora*	Maybury & Whatley sp. nov.	**11** (7) 25-28 **(1984)**
Sagmatocythere	*wyatti*	Maybury & Whatley sp. nov.	**14** (22) 93-96 **(1987)**
Sarlatina	*merlensis*	Babinot & Colin, 1976	**10** (4) 17-20 **(1983)**
Sarsicytheridea	*kempfi*	Weiss sp. nov.	**12** (21) 115-122 **(1985)**
Sarsicytheridea	*lienenklausi*	(Kuiper, 1918)	**12** (20) 107-114 **(1985)**
Scaldianella	*simplex*	(Krause, 1891)	**19** (6) 21-24 **(1992)**
Scanipisthia	*rectangularis*	(Troedsson, 1918)	**17** (18) 89-92 **(1990)**
Scepticocythereis	*sanctivincentis*	Majoran sp. nov.	**23** (5) 17-20 **(1996)**
Schallreuteria	*superciliata*	(Reed, 1910)	**9** (17) 93-100 **(1982)**
Schallreuteria (Lippea)	*lippensis*	Schallreuter subgen. et sp. nov.	**11** (2) 5-8 **(1984)**
Schizocythere	*buendensis*	Triebel, 1950	**10** (14) 83-90 **(1983)**
Schizocythere	*ikeyai*	Tsukagoshi & Briggs sp. nov	**25** (10) 43-52 **(1998)**
Schizocythere	*inexpecta*	McKenzie, Reyment & Reyment, 1991	**23** (6) 21-24 **(1996)**
Schuleridea	*bilobata*	(Triebel, 1938)	**7** (5) 25-28 **(1980)**
Schuleridea	*hammi*	(Triebel, 1938)	**6** (1) 1-4 **(1979)**
Schuleridea	*juddi*	Neale, 1962	**5** (17) 109-112 **(1978)**
Schuleridea	*lamplughi*	Neale, 1962	**5** (16) 105-108 **(1978)**
Schuleridea	*praethoerenensis*	Bartenstein & Brand, 1959	**5** (18) 113-116 **(1978)**
Schuleridea	*rhomboidalis*	Neale, 1960	**7** (6) 29-32 **(1980)**
Schuleridea (Aequacytheridea)	*oculata*	Moos, 1970	**11** (18) 91-98 **(1984)**
Scottia	*audax*	(Chapman, 1961)	**7** (8) 37-44 **(1980)**
Scrobisylthis	*reticulatus*	(Sarv, 1959)	**24** (5) 25-32 **(1998)**
Sebastianites	*fidus*	Krömmelbein, 1962	**17** (21) 101-104 **(1990)**
Semicytherura	*complanata*	(Brady, Crosskey & Robertson, 1874)	**22** (13) 53-60 **(1995)**
Semicytherura	*cornuta*	(Brady, 1868)	**2** (14) 77-84 **(1974)**
Semicytherura	*curvicauda*	Maybury sp. nov.	**20** (23) 97-100 **(1993)**
Semicytherura	*exudata*	Doruk sp. nov.	**2** (19) 113-116 **(1974)**
Semicytherura	*incongruens*	(G. W. Müller, 1894)	**2** (18) 105-112 **(1974)**
Semicytherura	*nigrescens*	(Baird, 1838)	**2** (13) 69-76 **(1974)**
Semicytherura	*paraclausi*	Maybury sp. nov.	**20** (2) 5-8 **(1993)**
Semicytherura	*parasella*	Maybury sp. nov.	**21** (9) 35-38 **(1994)**
Semicytherura	*pulchra*	(Coles & Whatley, 1989)	**19** (13) 57-60 **(1992)**
Semicytherura	*ruggierii*	(Pucci, 1955)	**2** (17) 101-104 **(1974)**
Semicytherura	*sella*	(Sars, 1866)	**2** (15) 85-92 **(1974)**
Semicytherura	*sulcata*	(G. W. Müller, 1894)	**2** (16) 93-100 **(1974)**
Semicytherura	*tela*	Horne & Whittaker sp. nov.	**7** (21) 125-130 **(1980)**
Semillia	*pauper*	Hinz gen. et sp. nov.	**19** (4) 13-16 **(1992)**
Severobolbina	*elliptica*	(Steusloff, 1895)	**24** (4) 17-24 **(1998)**
Sinabairdia	*nodosa*	Becker & Wang, 1992	**20** (20) 85-88 **(1993)**
Sinessites	*hispanicus*	Becker, 1981	**16** (9) 39-42 **(1989)**
Sinocythere	*sinensis*	Hou, 1982	**14** (2) 5-8 **(1987)**
Sinocytheridea	*impressa*	(Brady, 1869)	**14** (4) 13-16 **(1987)**
Sleia	*troglodytophila*	Martinsson, 1962	**1** (27) 145-148 **(1973)**

Slependia	*armata*	(Henningsmoen, 1954)	**12** (17) 85-92 **(1985)**
Soanella	*ovalis*	(Ivanova, 1955)	**23** (17) 77-80 **(1996)**
Spinodiphores	*praepletus*	Schallreuter gen. et sp. nov.	**22** (18) 74-77 **(1995)**
Spinohippula	*esurialis*	Vannier, Kruta & Marek gen. et sp. nov.	**14** (13) 49-56 **(1987)**
Spinoleberis	*eximia*	(Bosquet, 1854)	**14** (10) 37-40 **(1987)**
Stenocypris	*fernandoi*	Neale sp. nov.	**3** (5) 29-36 **(1976)**
Strandesia	*bicornuta*	Hartmann, 1964	**19** (14) 61-66 **(1992)**
Strandesia	*weberi*	(Moniez, 1892)	**16** (27) 128-135 **(1989)**
Stravia	*crossata*	Neale, 1962	**4** (23) 135-138 **(1977)**
Strepula	*concentrica*	Jones & Holl, 1886	**1** (8) 45-52 **(1973)**
Strumosia	*inandita*	(Su, 1959)	**17** (22) 105-112 **(1990)**
Sulcella	*huecoensis*	Dewey & Kohn sp. nov.	**20** (4) 13-16 **(1993)**
Sulcostocythere	*knysnaensis*	Benson & Maddocks, 1964	**1** (48) 265-268 **(1973)**
Sunliavia	*tumida*	Sou, 1959	**17** (6) 23-30 **(1990)**
Swainocythere	*miniscula*	Ruggieri, 1976	**23** (1) 1-4 **(1996)**
Swainocythere	*minusculum*	Ruggieri, 1977	**25** (12) 57 **(1998)**
Swainocythere	*nanseni*	(Joy & Clark, 1981)	**19** (25) 107-110 **(1992)**
Sylvestra	*posterobursa*	Doruk gen. et sp. nov.	**1** (29) 153-160 **(1973)**
Tallinnellina	*dissita*	Schallreuter & Siveter sp. nov.	**10** (1) 1-4 **(1983)**
Tanganyikacypris	*matthesi*	Kiss, 1961	**10** (24) 139-148 **(1983)**
Tanzanicythere	*pterota*	(Ahmad, 1977)	**4** (27) 153 **(1977)**
Terquemula	*robusta*	Sheppard sp. nov.	**8** (27) 153-156 **(1981)**
Tethysobuntonia	*govoroffi*	Colin & Babinot gen. et sp. nov.	**18** (29) 117-120 **(1991)**
Tetradella	*egorowi*	Neckaja, 1952	**5** (8) 57-60 **(1978)**
Tetradella	*pentaloculata*	Schallreuter sp. nov.	**5** (10) 65-72 **(1978)**
Tetradella	*separata*	Sidaraviciene, 1971	**5** (9) 61-64 **(1978)**
Tetradella?	*triloculata*	Schallreuter sp. nov.	**5** (11) 73-80 **(1978)**
Thaerocythere	*anisomorphica*	Maybury & Whatley sp. nov.	**10** (19) 107-110 **(1983)**
Thaerocythere	*irregulare*	Maybury & Whatley sp. nov.	**10** (20) 111-114 **(1983)**
Thaerocythere	*pieta*	Maybury & Whatley sp. nov.	**10** (18) 103-106 **(1983)**
Thaerocythere	*regulare*	Maybury & Whatley sp. nov.	**10** (21) 115-118 **(1983)**
Theriosynoecum	*bathonicum*	Sylvester-Bradley sp. nov.	**1** (42) 229-236 **(1973)**
Theriosynoecum	*conopium*	Wakefield & Athersuch sp. nov.	**17** (7) 31-40 **(1990)**
Theriosynoecum	*fimbriachela*	Wakefield, 1994	**21** (24) 107-110 **(1994)**
Theriosynoecum	*fittoni*	(Mantell, 1844)	**1** (40) 213-220 **(1973)**
Theriosynoecum	*kirtlingtonense*	Bate, 1965	**1** (41) 221-228 **(1973)**
Theriosynoecum	*wyomingense*	(Branson, 1935)	**1** (39) 205-212 **(1973)**
Thibautina	*rorei*	Vannier gen. et sp. nov.	**11** (23) 119-122 **(1984)**
Timiriasevia	*mackerrowi*	Bate, 1965	**2** (20) 117-124 **(1974)**
Timiriasevia	*punctata*	Clements sp. nov.	**1** (13) 69-76 **(1973)**
Timiriasevia	*triangularis*	Timberlake sp. nov.	**15** (14) 57-68 **(1988)**
Timiriasevia	*uptoni*	Timberlake sp. nov.	**15** (13) 49-56 **(1988)**
Togoina	*attitogonensis*	Apostolescu, 1961	**13** (27) 121-128 **(1986)**
Trachycythere	*munita*	Sylvester-Bradley sp. nov.	**1** (47) 257-264 **(1973)**
Trachyleberis	*bathymarina*	Ayress sp. nov.	**20** (25) 105-108 **(1993)**
Trachyleberis	*scabrocuneata*	(Brady, 1880)	**10** (22) 119-126 **(1983)**
Trapezilites	*minimus*	(Kummerow, 1931)	**23** (19) 85-88 **(1996)**
Triadocypris	*spitzbergensis*	Weitschat, 1983	**10** (23) 127-138 **(1983)**
Tricornina (Bohemina)	*paragracilis*	(Blumenstengel, 1965)	**15** (8) 29-32 **(1988)**
Triebelina	*raripila*	(G. W. Müller, 1894)	**2** (12) 65-68 **(1974)**
Trispinatia	*rusconii*	(de García & Proserpio, 1978)	**21** (1) 1-4 **(1994)**
Tuberoloxoconcha	*atlantica*	Horne sp. nov.	**16** (17) 73-76 **(1989)**
Tuberoloxoconcha	*tuberosa*	(Hartmann, 1954)	**16** (16) 67-72 **(1989)**
Tuberoscapha	*obesa*	Becker & Wang, 1992	**20** (21) 89-92 **(1993)**
Tubupestis	*tuber*	Hinz & Jones gen. et sp. nov.	**19** (3) 9-12 **(1992)**
Tyrrhenocythere	*amnicola*	(Sars, 1888)	**12** (13) 69-72 **(1985)**
Ulopsis	*ulula*	Hinz gen. et sp. nov.	**18** (17) 69-72 **(1991)**
Urocythereis	*favosa*	(Roemer, 1838)	**2** (6) 33-44 **(1974)**
Urocythereis	*labyrinthica*	Uliczny, 1969	**2** (8) 49-52 **(1974)**
Urocythereis	*phantastica*	Athersuch & Ruggieri sp. nov.	**2** (36) 223-230 **(1975)**
Urocythereis	*seminulum*	(Seguenza, 1880)	**2** (7) 45-48 **(1974)**
Uscopria	*memoria*	Schallreuter gen. et sp. nov.	**8** (24) 141-144 **(1981)**
Valdonniella	*mackenziei*	Babinot, 1980	**18** (11) 41-44 **(1991)**
Valentella	*costata*	(Ivanova, 1960)	**23** (18) 81-84 **(1996)**
Vania	*perdita*	Kruta & Siveter gen. et sp. nov.	**25** (11) 53-56 **(1998)**
Veenia (Nigeria)	*nigeriensis*	Reyment, 1960	**13** (8) 39-46 **(1986)**
Venzavella	*costata*	(Neckaja, 1960)	**18** (3) 9-12 **(1991)**
Vestrogothia	*longispinosa*	Kozur, 1974	**21** (6) 21-26 **(1994)**
Villozona	*villosa*	(Gründel, 1961)	**18** (21) 85-88 **(1991)**
Vitissites	*comtei*	Becker, 1981	**16** (11) 47-50 **(1989)**
Vitjasiella	*ferox*	(Hornibrook, 1953)	**18** (14) 57-60 **(1991)**
Vittella	*fecunda*	Siveter sp. nov.	**10** (3) 13-16 **(1983)**
Waiparacythereis	*joanae*	Swanson, 1969	**9** (7) 41-46 **(1982)**
Webbylla	*cyma*	Schallreuter & Siveter gen. et sp. nov.	**15** (5) 17-20 **(1988)**

Webbylla	*reticulata*	Schallreuter & Siveter sp. nov.	**15** (6) 21-24 **(1988)**
Wehrlia	*olbertzae*	Schallreuter, 1965	**13** (5) 25-28 **(1986)**
Welchella	*foveata*	Dewey & Puckett gen. et sp. nov.	**17** (1) 1-4 **(1990)**
Wenlockiella	*phaseola*	(Jones, 1887)	**23** (10) 41-44 **(1996)**
Wenlockiella	*phillipsiana*	(Jones & Holl, 1869)	**20** (12) 49-54 **(1993)**
Wimanicharion	*matthewi*	(Wiman, 1903)	**21** (5) 17-24 **(1994)**
Winchellatia	*longispina*	Kay, 1940	**17** (3) 9-12 **(1990)**
Xestoleberis	*aurantia*	(Baird, 1838)	**5** (4) 27-34 **(1978)**
Xestoleberis	*nitida*	(Liljeborg, 1853)	**5** (3) 17-26 **(1978)**
Xestoleberis	*postangulata*	Bate & Sheppard sp. nov.	**7** (17) 101-106 **(1980)**
Xestoleberis	*rubens*	Whittaker sp. nov.	**5** (5) 35-44 **(1978)**
Xystista	*auricularis*	(Jones, 1887)	**12** (15) 77-80 **(1985)**
Xystista	*graffhami*	(Lundin, 1965)	**12** (16) 81-84 **(1985)**
Youngiella	*rectidorsalis*	(Jones & Kirkby, 1886)	**18** (8) 29-32 **(1991)**
Zabythocypris	*redunca*	Athersuch & Gooday sp. nov.	**6** (4) 21-26 **(1979)**

abdominalis	*Bolbihithis*	Schallreuter, 1981	**13** (31) 145-148 **(1986)**
abyssorum	*Cytheropteron*	Brady, 1880	**21** (15) 63-70 **(1994)**
adamczaki	*Poloniella*	Lundin sp. nov.	**21** (25) 111-114 **(1994)** & **22** (14) 61 **(1995)**
adiastola	*Lodesia*	Schallreuter & Lehnert gen. et sp. nov.	**20** (27) 113-116 **(1993)**
adriatica	*Cytheretta*	Ruggieri, 1952	**4** (12) 69-78 **(1977)**
aegyptica	*Hemicytherura*	Hartmann, 1964	**8** (2) 7-12 **(1981)**
affinis	*Loxoconcha*	(Brady, 1866)	**3** (18) 91-98 **(1976)**
alaefortis alaefortis	*Sagmatocythere*	Whatley & Maybury sp. et subsp. nov.	**14** (20) 85-88 **(1987)**
alaefortis gallica	*Sagmatocythere*	Whatley & Maybury subsp. nov.	**14** (21) 89-92 **(1987)**
alata	*Loxoconcha*	Brady, 1868	**4** (17) 99-106 **(1977)**
alata	*Paijenborchellina*	Gurney sp. nov.	**6** (5) 27-30 **(1979)**
albicans	*Mutilus*	Ruggieri, 1958	**1** (26) 141-144 **(1973)**
albomaculata	*Heterocythereis*	(Baird, 1838)	**6** (22) 117-124 **(1979)**
albraca	*Pseudulrichia*	Schallreuter & Lehnert sp. nov.	**20** (26) 109-112 **(1993)**
alkazwinii	*Archeocosta*	Al-Bashir & Keen gen. et sp. nov.	**11** (17) 83-90 **(1984)**
allisonensis	*Eucytherura*	Boomer sp. nov.	**22** (25) 112-115 **(1995)**
amabilis	*Airina*	(Neckaja, 1958)	**9** (20) 109-116 **(1982)**
ambigua	*Ghardaglaia*	Neale sp. nov.	**6** (19) 99-106 **(1979)**
ambo	*Ogmoconcha*	Lord & Moorley sp. nov.	**2** (3) 9-16 **(1974)**
amnicola	*Tyrrhenocythere*	(Sars, 1888)	**12** (13) 69-72 **(1985)**
ampla	*Romecytheridea*	Wouters sp. nov.	**15** (23) 101-106 **(1988)**
amygdalanux	*Loxoconcha*	Bate & Gurney, 1981	**11** (21) 107-110 **(1984)**
anapetes	*Paracytheridea*	Ahmad sp. nov.	**4** (7) 41-44 **(1977)**
anglica	*Eucythere*	Brady, 1868	**12** (2) 7-10 **(1985)**
anisomorphica	*Thaerocythere*	Maybury & Whatley sp. nov.	**10** (19) 107-110 **(1983)**
anna	*Hornibrookella*	(Lienenklaus, 1894)	**2** (34) 211-214 **(1975)**
anseripediculus	*Ansipe*	Schallreuter gen. et sp. nov.	**22** (19) 78-81 **(1995)**
anterocosta	*Ektyphocythere*	Boomer sp. nov.	**15** (21) 93-96 **(1988)**
antiquata	*Carinocythereis*	(Baird, 1850)	**8** (12) 63-70 **(1981)**
aphthosa	*Metacypris*	Zhao sp. nov.	**14** (30) 131-134 **(1987)**
aremorica	*Healdianella*?	Crasquin sp. nov.	**14** (7) 25-28 **(1987)**
argentina	*Harpabollia*	Schallreuter sp. nov.	**22** (20) 82-85 **(1995)**
argus	*Eucythere*	(Sars, 1866)	**13** (15) 71-76 **(1986)**
armata	*Slependia*	(Henningsmoen, 1954)	**12** (17) 85-92 **(1985)**
artesica	*Artesiocythere*	Krömmelbein, 1975	**22** (7) 25-28 **(1995)**
aselfingenensis	*Bairdia*	Lord & Moorley sp. nov	**2** (2) 5-8 **(1974)**
asymmetrica	*Braderupia*	(Neckaja, 1958)	**9** (1) 1-8 **(1982)**
asymmetrica	*Duplicristatia*	Schallreuter gen. et sp. nov.	**5** (7) 49-56 **(1978)**
athersuchi	*Loxoconcha*	Whatley & Maybury sp. nov.	**15** (18) 81-84 **(1988)**
atlantica	*Tuberoloxoconcha*	Horne sp. nov.	**16** (17) 73-76 **(1989)**
attitogonensis	*Togoina*	Apostolescu, 1961	**13** (27) 121-128 **(1986)**
audax	*Scottia*	(Chapman, 1961)	**7** (8) 37-44 **(1980)**
aurani	*Arcacythere*	Babinot & Colin sp. nov.	**19** (21) 91-94 **(1992)**
aurantia	*Xestoleberis*	(Baird, 1838)	**5** (4) 27-34 **(1978)**
auricula	*Lomatopisthia*	(Harris, 1957)	**18** (5) 17-20 **(1991)**
auricularis	*Xystista*	(Jones, 1887)	**12** (15) 77-80 **(1985)**
aurita	*Radimella*?	(Skogsberg, 1928)	**3** (10) 53-56 **(1976)**
australiensis	*Allaruella*	Krömmelbein, 1975	**22** (8) 29-32 **(1995)**
badia	*Callistocythere*	(Norman, 1862)	**4** (10) 53-58 **(1977)**
bairdi	*Hemicypris*	Martens & Wouters sp. nov.	**12** (24) 135-140 **(1985)**
baltica	*Elofsonia*	(Hirschmann, 1909)	**1** (37) 193-200 **(1973)**
baltica	*Leptocythere*	Klie, 1929	**12** (18) 93-98 **(1985)**
bassleri	*Anisocyamus*	(Harris, 1931)	**15** (25) 115-122 **(1988)**
batei	*Carinocythereis*	Jain, 1978	**21** (16) 71-74 **(1994)**
batei	*Costa*	(Brady,1866)	**1** (45) 249-252 **(1973)**
bathonica	*Lesleya*	Bate gen. et sp. nov.	**5** (12) 81-88 **(1978)**
bathonicum	*Theriosynoecum*	Sylvester-Bradley sp. nov.	**1** (42) 229-236 **(1973)**
bathymarina	*Kuiperiana*	Ayress, Coles & Whatley sp. nov.	**21** (7) 27-30 **(1994)**
bathymarina	*Trachyleberis*	Ayress sp. nov.	**20** (25) 105-108 **(1993)**
belgica	*Glezeria*	(Matern, 1929)	**19** (8) 29-32 **(1992)**
bellegladensis	*Malzella*	(Kontrovitz, 1978)	**17** (28) 145-148 **(1990)**
bensoni	*Cativella*	Neale, 1967	**6** (2) 5-12 **(1979)**
beraguaensis	*Bairdia*	Singh & Tewari, 1966	**11** (27) 141-144 **(1984)**
biclavata	*Paragrenocythere*	Al-Furaih gen. et sp. nov.	**2** (37) 231-238 **(1975)**
bicornuta	*Strandesia*	Hartmann, 1964	**19** (14) 61-66 **(1992)**
bicuspidata	*Eolomatella*	Schallreuter sp. nov.	**8** (22) 129-136 **(1981)**
bilobata	*Schuleridea*	(Triebel, 1938)	**7** (5) 25-28 **(1980)**
bireticulata	*Orionina*	Doruk sp. nov.	**2** (11) 61-64 **(1974)**
bispinata	*Distobolbina*	Schallreuter sp. nov.	**4** (3) 17-24 **(1977)**
bispinata	*Eurybolbina*	(Harris, 1957)	**19** (27) 115-118 **(1992)**
bispinosa	*Parulrichia*	Lundin & Siveter sp. nov.	**20** (14) 59-62 **(1993)**
bitruncata	*Palmoconcha*	(Brady, 1878)	**21** (11) 43-46 **(1994)**
bizoni	*Ektyphocythere*	Ainsworth, 1986	**18** (9) 33-36 **(1991)**
blessi	*Aboilia*	Becker & Adamczak gen. et sp. nov.	**20** (8) 33-36 **(1993)**
bohemica	*Piretopsis (Cerninella)*	(Barrande, 1872)	**11** (25) 127-136 **(1984)**
bolboformis	*Bulbosohnia*	Becker & Wang, 1992	**20** (22) 93-96 **(1993)**

bonanzaensis	*Cytherelloidea*	Keij, 1964	**11** (13) 63-66 **(1984)**
braderupensis	*Pachydomelloides*	Schallreuter sp. nov.	**7** (14) 77-80 **(1980)**
bradiana	*Lophocythere (Neurocythere)*	(Jones, 1884)	**2** (26) 165-172 **(1975)**
bradleyi	*Bythocythere*	Athersuch, Horne & Whittaker, 1983	**21** (14) 59-62 **(1994)**
bransoni	*Huntonella*	Lundin, 1968	**18** (22) 89-92 **(1991)**
brastadensis	*Cytheropteron*	Lord sp. nov.	**8** (7) 37-40 **(1981)**
brendae	*Micropneumatocythere*	Sheppard sp. nov.	**5** (13) 89-96 **(1978)**
bronwynae	*Cytheropteron*	Joy & Clark, 1977	**22** (11) 41-44 **(1995)**
brunensis	*Buntonia*	Riha, 1985	**15** (28) 133-136 **(1988)** & **16** (18) 77 **(1989)**
brunswickensis	*Argenticytheretta (Chilea)*	Rose subgen. et sp. nov.	**2** (33) 207-210 **(1975)** & 2 (48) 296 **(1975)**
buendensis	*Schizocythere*	Triebel, 1950	**10** (14) 83-90 **(1983)**
bullata	*Marslatourella*	Bate, 1967	**1** (51) 281-284 **(1973)**
buncensis	*Chrysocythere*	Keen sp. nov.	**21** (19) 87-90 **(1994)**
byfieldense	*Cytheropteron*	Boomer & Bodergat sp. nov.	**19** (1) 1-4 **(1992)**
caboverdensis	*Orionina*	Wouters sp. nov.	**23** (8) 29-34 **(1996)**
caelata	*Gambiella*	Witte gen. et sp. nov.	**12** (25) 141-148 **(1985)**
calvata	*Angliaecytheridea*	Sheppard gen. et sp. nov.	**8** (28) 157-162 **(1981)**
camptocytheroidea	*Howeina*	Hanai, 1957	**14** (9) 33-36 **(1987)**
capra	*Caprabolbina*	Schallreuter, 1972	**6** (12) 63-66 **(1979)**
carinata	*Carinocythereis*	(Roemer, 1838)	**14** (23) 97-102 **(1987)**
carnica	*Kellettina*	Ruggieri & Siveter sp. nov.	**2** (35) 215-222 **(1975)**
cataphracta	*Chrysocythere*	Ruggieri, 1962	**1** (4) 31-34 **(1973)**
caudata	*Kovalevskiella*	(Lutz, 1965)	**14** (11) 41-44 **(1987)**
cavernosa	*Loculicytheretta (Heptaloculites)*	(Apostolescu & Magne, 1956)	**1** (5) 35-40 **(1973)**
cavi	*Cavhithis*	Schallreuter, 1965	**22** (17) 70-73 **(1995)**
cellulosa	*Hemicytherura*	(Norman, 1865)	**1** (14) 77-84 **(1973)** & **8** (1) 1-6 **(1981)**
ceratina	*Pseudocandona*	Mazepova, 1982	**19** (11) 41-48 **(1992)**
chegitunica	*Chegetella*	Kanygin, 1977	**17** (17) 85-88 **(1990)**
chileana	*Argenticytheretta (Magallanella)*	Rose subgen. et sp. nov.	**2** (32) 203-206 **(1975)**
chittagongensis	*Leguminocythereis*	Neale & Ahmed sp. nov.	**13** (22) 101-104 **(1986)**
choane	*Polycope*	Hasan sp. nov.	**10** (11) 67-70 **(1983)**
chosta	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**3** (14)69-72 **(1976)**
cimbaeformis	*Mutilus*	(Seguenza, 1882)	**1** (22) 121-124 **(1973)**
circumreptata	*Beckerhealdia*	Blumenstengel, 1994	**25** (5) 23-26 **(1998)**
clauda	*Keijella*	Doruk sp. nov.	**1** (11) 61-64 **(1973)**
colalongoae	*Nipponocythere*	(Ciampo, 1986)	**20** (5) 17-24 **(1993)**
colonus	*Hithis*	Schallreuter & Siveter sp. nov.	**9** (15) 85-88 **(1982)**
comitatus	*Bathycythere*	Wouters sp. nov.	**21** (10) 39-42 **(1994)**
commasulcata	*Piretia*	Schallreuter sp. nov.	**12** (4) 15-18 **(1985)**
complanata	*Semicytherura*	(Brady, Crosskey & Robertson, 1874)	**22** (13) 53-60 **(1995)**
complicata	*Brephocharieis*	(Salter, 1848)	**12** (10) 49-56 **(1985)**
comtei	*Vitissites*	Becker, 1981	**16** (11) 47-50 **(1989)**
concentrica	*Strepula*	Jones & Holl, 1886	**1** (8) 45-52 **(1973)**
confragosa	*Radimella*	(Edwards, 1944)	**3** (9) 49-52 **(1976)**
conjugalis	*Loxoconcha*	Athersuch sp. nov.	**4** (20)119-126 **(1977)**
conopium	*Theriosynoecum*	Wakefield & Athersuch sp. nov.	**17** (7) 31-40 **(1990)**
contracta	*Cyamocytheridea*	Doruk sp. nov.	**5** (20) 121-124 **(1978)**
contractula	*Ogmoconcha*	Triebel, 1941	**23** (13) 53-60 **(1996)**
convexus	*Mutilus*	(Baird, 1850)	**1** (24) 129-136 **(1973)**
cookiana	*Ektyphocythere*	(Anderson, 1964)	**18** (28) 113-116 **(1991)**
corbuloides	*Daleiella*	(Jones & Holl, 1869)	**18** (20) 81-84 **(1991)** & **18** (20) 81-84 **(1992)**
cornucopiae	*Capricambria*	Hinz gen. et sp. nov.	**18** (16) 65-68 **(1991)**
cornuta	*Semicytherura*	(Brady, 1868)	**2** (14) 77-84 **(1974)**
cornutus	*Iberocypris*	Babinot, 1985	**13** (28) 129-132 **(1986)**
corrugata	*Carbonita*	Gregory sp. nov.	**2** (4) 17-20 **(1974)**
costa	*Henningsmoenia*	Orr sp. nov.	**12** (12) 61-68 **(1985)**
costaereticulata	*Paracathaycythere*	Whatley & Zhao gen. et sp. nov.	**18** (23) 93-96 **(1991)**
costaforma	*Ambostracon*	Whatley & Maybury sp. nov.	**13** (17) 81-84 **(1986)**
costata	*Glyptocythere*	Bate, 1965	**3** (16) 77-80 **(1976)**
costata	*Valentella*	(Ivanova, 1960)	**23** (18) 81-84 **(1996)**
costata	*Venzavella*	(Neckaja, 1960)	**18** (3) 9-12 **(1991)**
costatus	*Neoamphissites*	Becker & Wang, 1992	**20** (19) 81-84 **(1993)**
crassa	*Micropneumatocythere*	(Peterson, 1954)	**2** (41) 263-266 **(1975)**
crassiscutum	*Cytheropteron*	Ayress sp. nov.	**24** (1) 1-4 **(1998)**
cribroporata	*Miehlkella*	Schallreuter gen. et sp. nov.	**4** (2) 9-16 **(1977)**
crispata	*Callistocythere*	(Brady, 1868)	**7** (12) 67-72 **(1980)**
crossata	*Stravia*	Neale, 1962	**4** (23) 135-138 **(1977)**
crux	*Karinutatia*	Schallreuter gen. et sp. nov.	**5** (6) 45-48 **(1978)**
cumulata	*Bolbinella*	Kanygin, 1967	**17** (16) 81-84 **(1990)**
cuneata	*Nipponocythere*	Ayress & Correge sp. nov.	**20** (6) 25-28 **(1993)**
cuneiformis	*Loxoconcha*	Malcolmson, 1886	**9** (4) 21-26 **(1982)** & **12** (27) 157 **(1985)**
cuneiformis	*Paracytheridea*	(Brady, 1868)	**11** (11) 53-58 **(1984)**
curta	*Bairdia*	M'Coy, 1844	**17** (24) 117-120 **(1990)**
curvicauda	*Semicytherura*	Maybury sp. nov.	**20** (23) 97-100 **(1993)**
curvispinata	*Chinocythere*	Su sp. nov.	**16** (13) 55-58 **(1989)**
cyma	*Webbylla*	Schallreuter & Siveter gen. et sp. nov.	**15** (5) 17-20 **(1988)**

damottae	*Donmacythere*	(Colin, 1974)	**11** (15) 71-74 **(1984)**
darwini	*Radimella*	Pokorný, 1969	**3** (8) 45-48 **(1976)**
dawubaensis	*Editella*	Olempska gen. et sp. nov.	**25** (9) 39-42 **(1998)**
debilis	*Haplocytheridea*	(Jones, 1857)	**1** (35) 181-188 **(1973)**
decaryi	*Cypris*	Gauthier	**3** (23) 133-140 **(1976)**
deckeri	*Balticella*	(Harris, 1931)	**16** (21) 94-99 **(1989)**
declivis	*Eucythere*	(Norman, 1865)	**12** (1) 1-6 **(1985)**
decoris	*Acanthocythereis*	Siddiqui, 1971	**7** (22) 131-134 **(1980)**
delgadoi	*Bollia*	Vannier sp. nov.	**10** (16) 95-98 **(1983)**
delicata	*Ambostracon*	Whatley & Maybury sp. nov.	**13** (18) 85-88 **(1986)**
dentatomarginata	*Hemicypris*	(Baird, 1859)	**12** (23) 127-134 **(1985)**
depressa	*Eohollina*	(Kay, 1940)	**19** (28) 119-122 **(1992)**
devexa	*Patagonacythere*	(Müller, 1908)	**1** (33) 173-176 **(1973)**
diamphidia	*Cytheromorpha*	Maybury sp. nov.	**20** (1) 1-4 **(1993)**
dictyon	*Radimella*	Pokorný, 1968	**3** (7) 41-44 **(1976)**
dimorpha	*Loxoconcha*	Hartmann, 1959	**9** (5) 27-32 **(1982)**
dissecta	*Kiesowia (Kiesowia)*	(Krause, 1892)	**6** (16) 79-86 **(1979)**
dissita	*Tallinnellina*	Schallreuter & Siveter sp. nov.	**10** (1) 1-4 **(1983)**
distorta	*Microcheilinella*	(Geis, 1932)	**16** (8) 35-38 **(1989)**
diversa	*Parulrichia*	(Jones & Holl, 1886)	**20** (13) 55-58 **(1993)**
dohukensis	*Acanthocythereis*	Khalaf sp. nov.	**9** (8) 47-50 **(1982)**
dolabrata	*Keijella*	Doruk sp. nov.	**1** (12) 65-68 **(1973)**
donzei	*Philomedes*	Neale sp. nov	**3** (2) 9-12 **(1976)**
dornbuschi	*Brevibolbina*	Schallreuter, 1964	**6** (14) 71-74 **(1979)**
dorsispinata	*Marslatourella*	Bate & Stephens sp. nov.	**1** (52) 285-288 **(1973)**
dorsospinosus	*Mammoides*	Sohn, 1961	**18** (18) 73-76 **(1991)**
dryppa	*Kuiperiana*	(Whatley & Coles, 1987)	**20** (7) 29-32 **(1993)**
edwardsii	*Costa*	(Roemer, 1838)	**1** (44) 245-248 **(1973)**
egorowi	*Tetradella*	Neckaja, 1952	**5** (8) 57-60 **(1978)**
eiggensis	*Limnocythere*	Wakefield nom. nov.	**22** (27) 120-123 **(1995)**
elegans	*Anisocyamus*	(Harris, 1957)	**15** (24) 107-114 **(1988)**
elegans	*Baltonotella*	(Harris, 1957)	**20** (9) 37-40 **(1993)**
elegans	*Cytherellina*	(Jones, 1887)	**23** (11) 45-48 **(1996)**
elegans	*Galliaecytheridea*	(Sharapova, 1937)	**6** (6) 31-34 **(1979)**
elegantulus	*Mutilus*	Ruggieri & Sylvester-Bradley sp. nov.	**2** (47) 295 **(1975)**
elliptica	*Loxoconcha*	Brady, 1868	**3** (19) 99-106 **(1976)**
elliptica	*Severobolbina*	(Steusloff, 1895)	**24** (4) 17-24 **(1998)**
elofsoni	*Cytheropteron*	Lord sp. nov.	**8** (6) 33-36 **(1981)**
ema	*Eodominina*	Schallreuter sp. nov.	**24** (3) 13-16 **(1998)**
emaciata	*Hiltermannicythere*	(Brady, 1867)	**12** (8) 39-44 **(1985)**
enigmatica	*Rockallia*	Whatley, Frame & Whittaker gen. et sp. nov.	**5** (24) 137-144 **(1978)**
eocontractula	*Ogmoconcha*	Park sp. nov.	**11** (14) 67-70 **(1984)**
epicopa	*Homeokiesowia*	Siveter sp. nov.	**9** (16) 89-92 **(1982)**
epicypha	*Rishona*	(Kesling & Kilgore, 1955)	**16** (12) 51-54 **(1989)**
equivalvis	*Cistacythereis*	Doruk sp. nov.	**8** (14) 75-78 **(1981)**
estellensis	*Navarracythere*	Colin & Rodriguez-Lazaro gen. et sp. nov.	**13** (13) 63-66 **(1986)**
esurialis	*Spinohippula*	Vannier, Kruta & Marek gen. et sp. nov.	**14** (13) 49-56 **(1987)**
europea	*Ambostracon*	Maybury & Whatley sp. nov.	**13** (16) 77-80 **(1986)**
exempla	*Procytheridea*	Peterson, 1954	**2** (39) 247-254 **(1975)**
eximia	*Anchistrocheles*	Herrig sp. nov.	**19** (23) 99-102 **(1992)**
eximia	*Spinoleberis*	(Bosquet, 1854)	**14** (10) 37-40 **(1987)**
exornata	*Cuneoceratina*	(Herrig, 1966)	**19** (5) 17-20 **(1992)**
exquisita	*Quadraleberis*	Bate & Sheppard gen. et sp. nov.	**7** (18) 107-112 **(1980)**
exuberans	*Cyprideis*	van Harten sp. nov.	**7** (16) 89-100 **(1980)**
exudata	*Semicytherura*	Doruk sp. nov.	**2** (19) 113-116 **(1974)**
fala	*Falites*	Müller, 1964	**23** (20) 89-94 **(1996)**
falcata	*Micropneumatocythere*	Sheppard sp. nov.	**5** (14) 97-100 **(1978)**
fallax	*Loxoreticulatum*	(G. W. Müller, 1908)	**1** (49) 269-272 **(1973)**
favosa	*Urocythereis*	(Roemer, 1838)	**2** (6) 33-44 **(1974)**
fecunda	*Vittella*	Siveter sp. nov.	**10** (3) 13-16 **(1983)**
fernandoi	*Stenocypris*	Neale sp. nov.	**3** (5) 29-36 **(1976)**
ferox	*Vitjasiella*	(Hornibrook, 1953)	**18** (14) 57-60 **(1991)**
fidus	*Sebastianites*	Krömmelbein, 1962	**17** (21) 101-104 **(1990)**
fimbriachela	*Theriosynoecum*	Wakefield, 1994	**21** (24) 107-110 **(1994)**
fissispinata	*Puriana*	Benson & Coleman, 1963	**2** (45) 283-286 **(1975)**
fittoni	*Theriosynoecum*	(Mantell, 1844)	**1** (40) 213-220 **(1973)**
floridana	*Radimella*?	(Benson & Coleman, 1963)	**3** (11) 57-60 **(1976)**
fontana	*Eucypris*	(Graf, 1931)	**8** (16) 87-92 **(1981)** & **9** (25) 144 **(1982)**
foraminosa	*Polycope*	Hasan sp. nov.	**10** (10) 63-66 **(1983)**
foveata	*Welchella*	Dewey & Puckett gen. et sp. nov.	**17** (1) 1-4 **(1990)**
fraudator	*Procytheridea*	Sherrington & Lord sp. nov.	**2** (40) 255-262 **(1975)**
freudenthali	*Mutilus*	(Sissingh, 1972)	**1** (23) 125-128 **(1973)**
frigida	*Homeokiesowia*	(Sarv, 1959)	**6** (15) 75-78 **(1979)**
frigida	*Polycope*	Neale sp. nov.	**8** (11) 55-62 **(1981)**
frigogena	*Notiocypridopsis*	(Graf, 1931)	**8** (18) 101-106 **(1981)**
fuegoensis	*Argenticytheretta (Argenticytheretta)*	Rose sp. nov.	**2** (31) 199-202 **(1975)**

Alphabetical listing by species

fulva	*Hemicytherura*	McKenzie, Reyment & Reyment, 1993	**23** (3) 9-12 **(1996)**
fuscata	*Cytheromorpha*	(Brady, 1869)	**18** (13) 49-56 **(1991)**
gajewskajae	*Pseudocandona*	Bronstein, 1947	**19** (12) 49-56 **(1992)**
gealbertii	*Femerensia*	Schallreuter gen. et sp. nov.	**10** (15) 91-94 **(1983)**
geniculata	*Apateloschizocythere*	Bate, 1972	**1** (54) 297-304 **(1973)**
gibba	*Cytherura*	(O. F. Müller, 1785)	**1** (50) 273-280 **(1973)**
gigas	*Microcheilinella*	Birkmann & Lundin sp. nov.	**22** (4) 13-16 **(1995)**
ginginensis	*Parahemingwayella*	Boomer & Whittaker sp. nov.	**21** (8) 31-34 **(1994)**
glintzboeckeli	*Cytheropteron*	(Donze & Lefèvre, 1981)	**17** (11) 61-64 **(1990)**
glypta	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**4** (25) 145-148 **(1977)**
gobanensis	*Bythoceratina*	Reyment & Reyment sp. nov.	**16** (5) 21-24 **(1989)**
gonzalezi	*Argenticytheretta (Argenticytheretta)*	Rose sp. nov.	**2** (29) 191-194 **(1975)**
gorodischensis	*Galliaecytheridea*	Fuller & Lord sp. nov.	**6** (7) 35-42 **(1979)**
gotlandica	*Gotula*	(Schallreuter, 1967)	**12** (26) 149-156 **(1985)**
govoroffi	*Tethysobuntonia*	Colin & Babinot gen. et sp. nov.	**18** (29) 117-120 **(1991)**
graffhami	*Xystista*	(Lundin, 1965)	**12** (16) 81-84 **(1985)**
grandipes	*Bryocypris*	Røen, 1956	**16** (29) 140-147 **(1989)**
grandis	*Longiscella*	(Jones & Holl, 1869)	**22** (3) 9-12 **(1995)**
grateloupianum	*Loxocorniculum*	(Bosquet, 1852)	**17** (12) 65-68 **(1990)**
gregaria	*Geisina*	(Ulrich & Bassler, 1906)	**19** (15) 67-70 **(1992)**
grekoffi	*Distobolbina*	Schallreuter sp. nov.	**4** (4) 25-28 **(1977)**
groenvalliana	*Frostiella*	Martinsson, 1963	**18** (31) 125-134 **(1991)**
gunnari	*Henningsmoenia*	(Thorslund, 1948)	**12** (11) 57-60 **(1985)**
gutta	*Cryptophyllus*	Schallreuter, 1968	**4** (1) 1-8 **(1977)**
guttata	*Abyssobythere*	Ayress & Whatley gen. et sp. nov.	**16** (28) 136-139 **(1989)**
guttata	*Lindisfarnia*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
guttata	*Palmoconcha*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
hahni	*Bairdia*	Lord & Moorley sp. nov.	**2** (1) 1-4 **(1974)**
hamata	*Nodella*	Becker, 1968	**16** (25) 116-119 **(1989)**
hammanni	*Raimbautina*	Vannier gen. et sp. nov.	**11** (22) 111-118 **(1984)**
hammi	*Schuleridea*	(Triebel, 1938)	**6** (1) 1-4 **(1979)**
hanaii	*Cythere*	Tsukagoshi & Ikeya, 1987	**24** (2) 5-12 **(1998)**
hartmanni	*Kanyginia*	Schallreuter & Kanygin sp. nov.	**19** (9) 33-36 **(1992)**
hauteriviana	*Acrocythere*	(Bartenstein, 1956)	**1** (53) 289-296 **(1973)**
hazeli	*Muellerina*	Coles & Cronin sp. nov.	**14** (6) 21-24 **(1987)**
henbesti	*Glyptopleura*	Croneis & Gutke, 1939	**17** (2) 5-8 **(1990)**
hexalpha	*Paracytheridea*	Doruk sp. nov.	**7** (26) 147-150 **(1980)**
hibernica	*Limnocythere*	Athersuch sp. nov.	**16** (30) 148-151 **(1989)**
himchariensis	*Costa*	Ahmed sp. nov.	**13** (23) 105-108 **(1986)**
hispanicus	*Sinessites*	Becker, 1981	**16** (9) 39-42 **(1989)**
hodgii	*Keijella*	(Brady, 1866)	**1** (9) 53-56 **(1973)**
hornei	*Palmoconcha*	Maybury & Whatley sp. nov.	**15** (4) 13-16 **(1988)**
horrescens	*Phalcocythere*	(Bosquet, 1852)	**5** (19) 117-120 **(1978)**
hoskini	*Hemicytherura*	Horne sp. nov.	**8** (3) 13-18 **(1981)**
howei	*Baffinicythere*	Hazel, 1967	**10** (9) 53-62 **(1983)**
huecoensis	*Sulcella*	Dewey & Kohn sp. nov.	**20** (4) 13-16 **(1993)**
hybosa	*Kayina*	Harris, 1957	**20** (10) 41-44 **(1993)**
hyperdonta	*Polydontoconcha*	Zhao & Whatley gen. et sp. nov.	**18** (26) 105-108 **(1991)**
hystrix	*Acanthocythereis*	(Reuss, 1849)	**6** (24) 133-140 **(1979)**
ibecetenensis	*Beninea*	Apostolescu gen. et sp. nov.	**14** (31) 135-138 **(1987)**
iganderssoni	*Procythereis*	(Skogsberg, 1928)	**1** (18) 97-100 **(1973)**
ikeyai	*Schizocythere*	Tsukagoshi & Briggs sp. nov	**25** (10) 43-52 **(1998)**
immanis	*Ordovizona*	Becker, 1994	**22** (5) 17-20 **(1995)**
impendens	*Craspedobolbina (Mitrobeyrichia)*	(Haswell, 1865)	**1** (34) 177-180 **(1973)**
implexa	*Hamanella*	Finger, 1983	**11** (5) 17-20 **(1984)**
impressa	*Sinocytheridea*	(Brady, 1869)	**14** (4) 13-16 **(1987)**
inandita	*Strumosia*	(Su, 1959)	**17** (22) 105-112 **(1990)**
incae	*Darwinula*	Delachaux, 1928	**23** (9) 35-40 **(1996)**
incongruens	*Semicytherura*	(G. W. Müller, 1894)	**2** (18) 105-112 **(1974)**
incurva	*Darwinula*	Bate, 1967	**17** (8) 41-44 **(1990)**
inexpecta	*Schizocythere*	McKenzie, Reyment & Reyment, 1991	**23** (6) 21-24 **(1996)**
ingelorae	*Eopilla*	Schallreuter gen. et sp. nov.	**20** (28) 117-120 **(1993)**
inscita	*Paracytheridea*	Doruk sp. nov.	**7** (25) 143-146 **(1980)**
insculptus	*Glyptopleuroides*	Croneis & Gale, 1939	**19** (7) 25-28 **(1992)**
intermedia	*Bythocythere*	Elofson, 1938	**14** (15) 65-68 **(1987)**
iraqensis	*Actinocythereis*	Khalaf sp. nov.	**9** (9) 51-54 **(1982)**
irregulare	*Thaerocythere*	Maybury & Whatley sp. nov.	**10** (20) 111-114 **(1983)**
ishizakii	*Robustaurila*	(Okubo, 1980)	**17** (27) 137-144 **(1990)**
iunior	*Quadritia (Krutatia)*	Schallreuter subgen. et sp. nov.	**8** (21) 125-128 **(1981)**
jaanussoni	*Garciana*	(de García & Proserpio, 1978)	**21** (28) 123-126 **(1994)**
jammuensis	*Bairdia*	Singh & Tewari, 1966	**13** (9) 47-50 **(1986)**
jhingrani	*Paracypris*	Singh & Tewari, 1966	**13** (10) 51-54 **(1986)**
joanae	*Waiparacythereis*	Swanson, 1969	**9** (7) 41-46 **(1982)**

jonesii	*Pterygocythereis*	(Baird, 1850)	**5** (2) 9-16 **(1978)** & **6** (27) 154 **(1979)**
jubata	*Juraleberis*	Vannier & Siveter gen. et sp. nov.	**22** (21) 86-95 **(1995)**
judaea	*Cytheretta*	(Brady, 1868)	**4** (11) 59-68 **(1977)**
juddi	*Schuleridea*	Neale, 1962	**5** (17) 109-112 **(1978)**
juglandica	*Kuiperiana*	Ayress sp. nov.	**19** (17) 75-78 **(1992)**
jurinei	*Cytheretta (Cytheretta)*	(v. Münster, 1830)	**13** (2) 9-16 **(1986)**
kalakotensis	*Bairdia*	Singh & Tewari, 1966	**11** (28) 145-148 **(1984)**
kalakotensis	*Bairdoppilata*	Singh & Tewari, 1966	**11** (26) 137-140 **(1984)**
kayei	*Cytherelloidea*	Weaver, 1982	**22** (12) 45-52 **(1995)**
keeni	*Quadracythere*	Slipper sp. nov.	**15** (11) 41-44 **(1988)**
keiji	*Cluthia*	Neale sp. nov.	**2** (23) 141-148 **(1975)**
keiji	*Mutilus*	Ruggieri, 1962	**1** (21) 117-120 **(1973)**
kempfi	*Cytheropteron*	Boomer nom. nov.	**23** (21) 95 **(1996)**
kempfi	*Sarsicytheridea*	Weiss sp. nov.	**12** (21) 115-122 **(1985)**
kiaeri	*Beyrichia (Altibeyrichia)*	Henningsmoen, 1954	**13** (6) 29-32 **(1986)**
kianohybrida	*Robustaurila*	(Hu, 1982)	**17** (26) 129-136 **(1990)**
kiesowi	*Londinia*	(Krause, 1891)	**17** (9) 45-52 **(1990)**
kingmai	*Atjehella*	Keij, 1979	**11** (12) 59-62 **(1984)**
kirtlingtonense	*Theriosynoecum*	Bate, 1965	**1** (41) 221-228 **(1973)**
kirtlingtonensis	*Eocytheridea*	Bate & Mellish sp. nov.	**13** (11) 55-58 **(1986)**
klingleri	*Gammacythere*	Boomer sp. nov.	**17** (15) 77-80 **(1990)**
knysnaensis	*Sulcostocythere*	Benson & Maddocks, 1964	**1** (48) 265-268 **(1973)**
koreana	*Kotoracythere*	Huh, Whatley & Paik sp. nov.	**22** (16) 66-69 **(1995)**
kostytschevkaensis	*Oligocythereis*	(Lyubimova, 1955)	**6** (11) 55-62 **(1979)**
kuckersiana	*Baltonotella*	(Bonnema, 1909)	**23** (15) 69-72 **(1996)**
kullmanni	*Kullmannissites*	Becker, 1981	**16** (10) 43-46 **(1989)**
labyrinthica	*Urocythereis*	Uliczny, 1969	**2** (8) 49-52 **(1974)**
laevata	*Lindisfarnia*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
laevata	*Palmoconcha*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
lamplughi	*Schuleridea*	Neale, 1962	**5** (16) 105-108 **(1978)**
lanceolata	*Ektyphocythere*	Boomer sp. nov.	**15** (20) 89-92 **(1988)**
landesi	*Dizygopleura*	Roth, 1929	**22** (2) 5-8 **(1995)**
larwoodi	*Hemiparacytheridea*	Boomer sp. nov.	**22** (26) 116-119 **(1995)**
latissima	*Cypris*	(G. W. Müller, 1898)	**4** (24) 139-144 **(1977)**
latissimum	*Cytheropteron*	(Norman, 1865)	**15** (27) 127-132 **(1988)**
latolobata	*Pilla*	Jones & Schallreuter sp. nov.	**17** (19) 93-96 **(1990)**
latosulcatus	*Concavhithis*	Schallreuter sp. nov.	**9** (18) 101-104 **(1982)**
leckwijcki	*Echinocythereis*	Wouters sp. nov.	**23** (7) 25-28 **(1996)**
lecta	*Knoxina*	Coryell & Rogatz, 1932	**21** (13) 51-58 **(1994)**
lehnerti	*Inversibolbina*	Schallreuter gen. et sp. nov.	**22** (6) 21-24 **(1995)**
levigata	*Progonocythere*	Bate, 1967	**16** (4) 17-20 **(1989)**
levis	*Puncia*	Herrig, 1988	**18** (15) 61-64 **(1991)**
lienenklausi	*Sarsicytheridea*	(Kuiper, 1918)	**12** (20) 107-114 **(1985)**
limbata	*Ptychobairdia*	Sheppard sp. nov.	**8** (26) 149-152 **(1981)**
lindiensis	*Cythereis*	Bate, 1969	**13** (12) 59-62 **(1986)**
linleyi	*Loxoconcha*	Horne sp. nov.	**9** (6) 33-40 **(1982)**
lippensis	*Schallreuteria (Lippea)*	Schallreuter subgen. et sp. nov.	**11** (2) 5-8 **(1984)**
littoralis	*Callistocythere*	(Müller, 1894)	**7** (11) 61-66 **(1980)**
loenensis	*Eucytherura*	Boomer sp. nov.	**23** (4) 13-16 **(1996)**
longicostata	*Cytherelloidea*	Sheppard sp. nov.	**8** (25) 145-148 **(1981)**
longispina	*Winchellatia*	Kay, 1940	**17** (3) 9-12 **(1990)**
longispinosa	*Vestrogothia*	Kozur, 1974	**21** (6) 21-26 **(1994)**
luzonensis	*Heterocypris*	Neale sp. nov.	**8** (15) 79-86 **(1981)**
maccoyiana	*Hemsiella*	(Jones, 1855)	**17** (10) 53-60 **(1990)**
mackenziei	*Valdonniella*	Babinot, 1980	**18** (11) 41-44 **(1991)**
mackerrowi	*Timiriasevia*	Bate, 1965	**2** (20) 117-124 **(1974)**
macrotuberculata	*Heterocyprideis*	Masson & Whatley sp. nov.	**4** (13) 79-86 **(1977)**
magna	*Roundstonia*	Maybury & Whatley sp. nov.	**13** (20) 93-96 **(1986)**
magnifica	*Paranotacythere (Paranotacythere)*	Lomax sp. nov.	**12** (14) 73-76 **(1985)**
malaiensis cymbula	*Paijenborchella (Eopaijenborchella)*	Ruggieri, 1950	**1** (30) 161-164 **(1973)**
malcomsoni	*Loxoconcha*	Horne & Robinson nom. nov.	**12** (27) 157 **(1985)**
malzi	*Kinkelinella*	(Dépêche, 1973)	**8** (8) 41-44 **(1981)**
manca	*Byrsolopsina*	Schallreuter sp. nov.	**9** (3) 17-20 **(1982)**
mandelbaumae	*Neoeuglyphella*	Dewey & Puckett gen. et sp. nov.	**17** (20) 97-100 **(1990)**
mantelli	*Haplocytheridea*	Keen sp. nov.	**1** (36) 189-192 **(1973)**
marcoreticulata	*Limbinariella*	Sarv, 1968	**18** (2) 5-8 **(1991)**
marecorallinensis	*Jonesia*	Correge sp. nov.	**19** (24) 103-106 **(1992)**
maresi	*Kefiella*	Donze & Said, 1982	**13** (14) 67-70 **(1986)**
margaritata	*Exposterocythere*	(Krömmelbein, 1975)	**21** (20) 91-94 **(1994)**
martini	*Ogmoconchella*	(Anderson, 1964)	**18** (30) 121-124 **(1991)**
matthesi	*Tanganyikacypris*	Kiss, 1961	**10** (24) 139-148 **(1983)**
matthewi	*Wimanicharion*	(Wiman, 1903)	**21** (5) 17-24 **(1994)**
maudriseensis	*Ginginella*	Majoran sp. nov.	**25** (1) 1-4 **(1998)**
maurae	*Calocaria*	Vannier gen. et sp. nov.	**14** (12) 45-48 **(1987)**
mediterranea	*Callistocythere*	(Müller, 1894)	**7** (23) 135-138 **(1980)**

melnikovae	*Cambria*	Ivanova, 1964	**21** (4) 13-16 **(1994)**
melnyki	*Kindlella*	Dewey & Kohn sp. nov.	**19** (22) 95-98 **(1992)**
memoria	*Uscopria*	Schallreuter gen. et sp. nov.	**8** (24) 141-144 **(1981)**
meniscus	*Cyamocytheridea*	Doruk sp. nov.	**5** (21) 125-128 **(1978)**
merlensis	*Sarlatina*	Babinot & Colin, 1976	**10** (4) 17-20 **(1983)**
mersondaviesi	*Pokornyella*	(Latham, 1938)	**12** (22) 123-126 **(1985)**
micrograteloupianum	*Loxocorniculum*	Maybury sp. nov.	**17** (13) 69-72 **(1990)**
micropapillosa	*Pattersoncypris*	Bate, 1972	**1** (19) 101-108 **(1973)**
minima	*Primitiella*	(Harris, 1957)	**21** (27) 119-122 **(1994)**
minima	*Roundstonia*	Whatley & Maybury sp. nov.	**13** (21) 97-100 **(1986)**
minimus	*Trapezilites*	(Kummerow, 1931)	**23** (19) 85-88 **(1996)**
miniscula	*Swainocythere*	Ruggieri, 1976	**23** (1) 1-4 **(1996)**
minusculum	*Swainocythere*	Ruggieri, 1977	**25** (12) 57 **(1998)**
minuta	*Lophocythere (Neurocythere)*	(Peterson, 1954)	**2** (42) 267-270 **(1975)**
minuta	*Sagmatocythere*	Maybury & Whatley sp. nov.	**14** (19) 81-84 **(1987)**
miranda	*Galliaecytheridea*	(Lyubimova, 1955)	**6** (8) 43-46 **(1979)**
moenia	*Polycope*	Joy & Clark, 1977	**22** (23) 104-107 **(1995)**
monstrifica	*Ilyocypris*	(Norman, 1862)	**1** (28) 149-152 **(1973)**
montana	*Callistocythere*	Doruk sp. nov.	**7** (24) 139-142 **(1980)**
mouliana	*Paijenborchella (Eopaijenborchella)*	(Sissingh, 1972)	**1** (31) 165-168 **(1973)**
muelleri muelleri	*Cytheridea (Cytheridea)*	(v. Münster, 1830)	**11** (8) 29-36 **(1984)**
muelleri toenisbergensis	*Cytheridea (Cytheridea)*	Weiss, 1983	**11** (9) 37-44 **(1984)**
mulciber	*Renibeyrichia*	Siveter gen. et sp. nov.	**3** (1) 1-8 **(1976)**
multiornata	*Loxoconcha*	Bate & Gurney, 1981	**11** (19) 99-102 **(1984)**
multipunctata	*Leptocythere*	(Seguenza, 1884)	**7** (27) 151-154 **(1980)**
multireticulatum	*Loxocorniculum*	Maybury sp. nov.	**20** (24) 101-104 **(1993)**
munita	*Trachycythere*	Sylvester-Bradley sp. nov.	**1** (47) 257-264 **(1973)**
murrayi	*Callistocythere*	Whittaker sp. nov.	**5** (25) 145-152 **(1978)**
naevus	*Naevhithis*	Schallreuter gen. et sp. nov.	**8** (23) 137-140 **(1981)**
nanseni	*Swainocythere*	(Joy & Clark, 1981)	**19** (25) 107-110 **(1992)**
napoliana	*Sagmatocythere*	(Puri, 1963)	**3** (21) 117-124 **(1974)**
naqibi	*Chrysocythere*	Khalaf sp. nov.	**9** (10) 55-58 **(1982)**
nea	*Loxoconcha*	Barbeito-Gonzalez, 1971	**4** (19) 115-118 **(1977)**
nigeriensis	*Veenia (Nigeria)*	Reyment, 1960	**13** (8) 39-46 **(1986)**
nigrescens	*Semicytherura*	(Baird, 1838)	**2** (13) 69-76 **(1974)**
nitida	*Xestoleberis*	(Liljeborg, 1853)	**5** (3) 17-26 **(1978)**
nodocerata	*Processobairdia*	Blumenstengel, 1965	**19** (20) 87-90 **(1992)**
nodoreticulata	*Gellensia*	Schallreuter sp. nov.	**9** (19) 105-108 **(1982)**
nodosa	*Quadracythere*	Haskins, 1971	**15** (12) 45-48 **(1988)**
nodosa	*Sinabairdia*	Becker & Wang, 1992	**20** (20) 85-88 **(1993)**
nonaculeata	*Qujingsia*	Hansch & Wang, gen et sp. nov.	**18** (19) 77-80 **(1991)**
normandiensis	*Hastatellina*	Pribyl, 1975	**10** (17) 99-102 **(1983)**
normani	*Bradleya*	(Brady, 1865)	**15** (9) 33-36 **(1988)**
nuculopsis	*Cryptophyllus*	Harris, 1957	**20** (18) 77-80 **(1993)**
nudum	*Cytheropteron*	Boomer sp. nov.	**22** (24) 108-111 **(1995)** & **23** (21) 95 **(1996)**
nuela	*Eodominina*	Schallreuter gen. et sp. nov.	**20** (29) 121-124 **(1993)**
nunkeri	*Caboncypris*	De Deckker gen. et sp. nov.	**9** (22) 125-132 **(1982)**
obesa	*Tuberoscapha*	Becker & Wang, 1992	**20** (21) 89-92 **(1993)**
obliquifossa	*Costa*	Ahmed sp. nov.	**13** (24) 109-112 **(1986)**
obolus	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**3** (24) 141-144 **(1976)**
obstipa	*Cyamocytheridea*	Doruk sp. nov.	**5** (22) 129-132 **(1978)**
obtusa	*Primitivothlipsurella*	Petersen & Lundin sp. nov.	**16** (20) 86-93 **(1989)**
occitanica	*Paracandona*	Babinot & Tambareau sp. nov.	**13** (30) 137-144 **(1986)**
ochthodes	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**3** (13) 65-68 **(1976)**
oculata	*Schuleridea (Aequacytheridea)*	Moos, 1970	**11** (18) 91-98 **(1984)**
oepiki	*Monasterium*	Fleming, 1973	**19** (29) 123-130 **(1992)**
oertlii	*Amphiexophthalmocythere*	(Babinot, 1971)	**15** (15) 69-72 **(1988)**
olbertzae	*Wehrlia*	Schallreuter, 1965	**13** (5) 25-28 **(1986)**
oniseguni	*Nigeroloxoconcha*	Reyment, 1963	**13** (25) 113-116 **(1986)**
operosa	*Egorovellina*	Kanygin, 1965	**25** (6) 27-30 **(1998)**
ornatoreticulata	*Reticulocosta*	(Reyment, 1963)	**15** (10) 37-40 **(1988)**
oscillum	*Glyptocythere*	(Jones & Sherborn, 1888)	**4** (15) 91-94 **(1977)**
ostreata	*Lophocythere (Lophocythere)*	(Jones & Sherborn, 1888)	**2** (25) 157-164 **(1975)**
ovalis	*Soanella*	(Ivanova, 1955)	**23** (17) 77-80 **(1996)**
ovata	*Abrotocythere*	Zhao sp. nov.	**14** (26) 115-118 **(1987)**
ovicella	*Glyptolichvinella*	Lundin & Visintainer sp. nov.	**14** (33) 143-148 **(1987)**
ovulata	*Loxoconcha*	(Costa, '1863')	**6** (25) 141-150 **(1979)**
oyesesei	*Nigeroloxoconcha*	Reyment, 1963	**13** (26) 117-120 **(1986)**
pacifica	*Puriana*	Benson, 1959	**2** (44) 279-282 **(1975)**
papillata	*Bromidella*	(Harris, 1957)	**17** (14) 73-76 **(1990)**
papillata	*Elofsonia*	Whatley & Maybury sp. nov.	**15** (16) 73-76 **(1988)**
paracercinata	*Sagmatocythere*	Whatley & Maybury sp. nov.	**11** (6) 21-24 **(1984)**
paraclausi	*Semicytherura*	Maybury sp. nov.	**20** (2) 5-8 **(1993)**
paradisus	*Chrysocythere*	Doruk sp. nov.	**1** (16) 89-92 **(1973)**
paragracilis	*Tricornina (Bohemina)*	(Blumenstengel, 1965)	**15** (8) 29-32 **(1988)**

Alphabetical listing by species

pararhomboidea	*Loxoconcha*	Whatley & Maybury sp. nov.	**15** (3) 9-12 **(1988)**
parasella	*Semicytherura*	Maybury sp. nov.	**21** (9) 35-38 **(1994)**
paravariesculpta	*Kuiperiana*	Maybury sp. nov.	**22** (10) 37-40 **(1995)**
paravariolata	*Sagmatocythere*	Maybury sp. nov.	**21** (17) 75-78 **(1994)**
parkis	*Foramenella*	(Neckaja, 1952)	**7** (3) 17-20 **(1980)**
patagoniensis	*Argenticytheretta (Argenticytheretta)*	Rose sp. nov.	**2** (28) 181-190 **(1975)**
pauciperforata	*Punctoschmidtella*	(Harris, 1957)	**20** (11) 45-48 **(1993)**
paulusi	*Cleithranchiste*	Becker, 1965	**18** (6) 21-24 **(1991)**
pauper	*Semillia*	Hinz gen. et sp. nov.	**19** (4) 13-16 **(1992)**
pava	*Nannocythere*	(Malcomson, 1886)	**10** (7) 29-38 **(1983)**
pavonia	*Loculicytheretta*	(Brady, 1866)	**1** (43) 237-244 **(1973)**
pectinata	*Fuscinullina (Fuscinullina)*	Kanygin, 1967	**25** (2) 5-8 **(1998)**
penni	*Glyptocythere*	Bate & Mayes sp. nov.	**4** (6) 33-40 **(1977)**
pennyi	*Pennyella*	Neale gen. et sp. nov.	**2** (21) 125-132 **(1974)**
pentaloculata	*Tetradella*	Schallreuter sp. nov.	**5** (10) 65-72 **(1978)**
perdita	*Vania*	Kruta & Siveter gen. et sp. nov.	**25** (11) 53-56 **(1998)**
perfecta	*Ambostracon*	Maybury & Whatley sp. nov.	**13** (19) 89-92 **(1986)**
permiana	*Richterina*	Kohn & Dewey sp. nov.	**19** (16) 71-74 **(1992)**
pernota	*Cytheridea (Cytheridea)*	Oertli & Keij, 1955	**11** (10) 45-52 **(1984)**
petrosa	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**3** (12) 61-64 **(1976)**
phantastica	*Urocythereis*	Athersuch & Ruggieri sp. nov.	**2** (36) 223-230 **(1975)**
phaseola	*Wenlockiella*	(Jones, 1887)	**23** (10) 41-44 **(1996)**
phillipsiana	*Wenlockiella*	(Jones & Holl, 1869)	**20** (12) 49-54 **(1993)**
pieta	*Thaerocythere*	Maybury & Whatley sp. nov.	**10** (18) 103-106 **(1983)**
piformis	*Pilla*	Schallreuter & Siveter gen. et sp. nov.	**15** (7) 25-28 **(1988)**
pilloides	*Bumire*	Schallreuter sp. nov.	**25** (7) 31-34 **(1998)**
pinguis	*Reticypris*	De Deckker sp. nov.	**8** (17) 93-100 **(1981)**
pirifera	*Propontocypris*	(G. W. Müller, 1894)	**9** (13) 69-76 **(1982)**
planus	*Klimphores*	Schallreuter, 1966	**7** (2) 9-16 **(1980)**
plena	*Leucocythere*	Zhao sp. nov.	**14** (28) 123-126 **(1987)**
plicata	*Cytheretta (Flexus)*	(v. Münster, 1830)	**10** (13) 75-82 **(1983)**
pokornyi	*Cistacythereis*	(Ruggieri, 1962)	**8** (13) 71-74 **(1981)**
polita	*Glyptocythere*	Bate, 1965	**3** (15) 73-76 **(1976)**
polleti	*Leocytheridea*	Keen gen. et sp. nov.	**11** (16) 75-82 **(1984)**
polygona	*Cyamocytheridea*	Doruk sp. nov.	**5** (23) 133-136 **(1978)**
polylyca	*Australicythere*	(Müller, 1908)	**1** (32) 169-172 **(1973)**
pontica	*Loxoconcha*	Klie, 1937	**7** (10) 53-60 **(1980)**
porcellanea	*Leptocythere*	(Brady, 1869)	**12** (19) 99-106 **(1985)**
postangulata	*Xestoleberis*	Bate & Sheppard sp. nov.	**7** (17) 101-106 **(1980)**
postdenticulata	*Cytherella*	Oertli, 1961	**2** (9) 53-56 **(1974)**
posterobicarinatum	*Pyxion*	Schallreuter sp. nov.	**6** (17) 87-90 **(1979)**
posterobursa	*Sylvestra*	Doruk gen. et sp. nov.	**1** (29) 153-160 **(1973)**
praepletus	*Spinodiphores*	Schallreuter gen. et sp. nov.	**22** (18) 74-77 **(1995)**
praepontica magna	*Loxoconcha*	Maybury & Whatley subsp. nov.	**15** (2) 5-8 **(1988)**
praepontica praepontica	*Loxoconcha*	Maybury & Whatley subsp. nov.	**15** (1) 1-4 **(1988)**
praepusilla	*Elofsonia*	Maybury & Whatley sp. nov.	**15** (17) 77-80 **(1988)**
praethoerenensis	*Schuleridea*	Bartenstein & Brand, 1959	**5** (18) 113-116 **(1978)**
prava	*Eucythere*	Brady & Robertson, 1869	**12** (3) 11-14 **(1985)**
primaeva	*Kirkbyrhiza*	(Roth, 1929)	**22** (22) 96-103 **(1995)**
primarius	*Baltocyamus*	Meidla gen. et sp. nov.	**22** (1) 1-4 **(1995)**
primordialis	*Anabarochilina*	(Linnarsson, 1869)	**20** (17) 71-76 **(1993)**
procera	*Keijella*	Doruk sp. nov.	**1** (10) 57-60 **(1973)**
prolata	*Ommatokrithe*	Ahmad gen. et sp. nov.	**4** (22) 131-134 **(1977)**
prolongatum	*Procytheropteron*	(Sharapova, 1939)	**7** (20) 117-124 **(1980)**
psammophila	*Leptocythere*	Guillaume, 1976	**15** (26) 123-126 **(1988)**
pseudomultifora	*Sagmatocythere*	Maybury & Whatley sp. nov.	**11** (7) 25-28 **(1984)**
pseudovelata	*Antiaechmina*	Schallreuter sp. nov.	**4** (5) 29-32 **(1977)**
pterota	*Cladarocythere*	Ahmad gen. et sp. nov.	**4** (8) 45-48 **(1977)**
pterota	*Tanzanicythere*	(Ahmad, 1977)	**4** (27) 153 **(1977)**
pulchra	*Semicytherura*	(Coles & Whatley, 1989)	**19** (13) 57-60 **(1992)**
pumila	*Callistocythere*	Hanai, 1957	**25** (3) 9-16 **(1998)**
pumilio	*Hemingwayella*	(Brady, 1880)	**18** (12) 45-48 **(1991)**
punctata	*Argenticytheretta (Argenticytheretta)*	Rose sp. nov.	**6** (18) 91-98 **(1979)**
punctata	*Pellucistoma*	Ayress sp. nov.	**23** (2) 5-8 **(1996)**
punctata	*Timiriasevia*	Clements sp. nov.	**1** (13) 69-76 **(1973)**
punctatissima	*Costa*	Ruggieri, 1962	**1** (46) 253-256 **(1973)**
pusilla	*Elofsonia*	(Brady & Robertson, 1870)	**1** (38) 201-204 **(1973)**
pustulosa	*Oncocypris*	Gurney, 1916	**3** (4) 21-28 **(1976)**
quadrata	*Ektyphocythere*	Boomer & Lord sp. nov.	**15** (19) 85-88 **(1988)**
quadridentata	*Celtia*	(Baird, 1850)	**2** (46) 287-294 **(1975)**
queenslandensis	*Exposterocythere*	(Krömmelbein, 1975)	**21** (21) 95-98 **(1994)**
quinculminata	*Ilyocypris*	Sylvester-Bradley sp. nov.	**1** (15) 85-88 **(1973)**
quinquicornis	*Abrotocythere*	Zhao gen. et sp. nov.	**14** (25) 111-114 **(1987)**
raasayensis	*Glyptocythere*	Stevens sp. nov.	**12** (6) 23-30 **(1985)**
rara	*Fidelitella (Sibiritella)*	(Ivanova, 1955)	**19** (10) 37-40 **(1992)**
raripila	*Triebelina*	(G. W. Müller, 1894)	**2** (12) 65-68 **(1974)**

ratina	*Gerodia*	Gründel, 1962	**19** (18) 79-82 **(1992)**
rava	*Moeckowia*	(Sarv, 1959)	**21** (2) 5-8 **(1994)**
rectangularis	*Scanipisthia*	(Troedsson, 1918)	**17** (18) 89-92 **(1990)**
rectidorsalis	*Youngiella*	(Jones & Kirkby, 1886)	**18** (8) 29-32 **(1991)**
reduncа	*Zabythocypris*	Athersuch & Gooday sp. nov.	**6** (4) 21-26 **(1979)**
regina	*Polycope*	Hasan sp. nov.	**10** (12) 71-74 **(1983)**
reginae	*Reginea*	Schallreuter gen. et sp nov.	**10** (5) 21-24 **(1983)**
regulare	*Thaerocythere*	Maybury & Whatley sp. nov.	**10** (21) 115-118 **(1983)**
ren	*Karinutatia*	Schallreuter, 1984	**23** (16) 73-76 **(1996)**
reticulata	*Bromidella*	Harris, 1931	**16** (1) 1-8 **(1989)**
reticulata	*Cathaycythere*	Whatley & Zhao gen. et sp. nov.	**14** (1) 1-4 **(1987)**
reticulata	*Progonocythere*	Bate, 1963	**4** (14) 87-90 **(1977)**
reticulata	*Webbylla*	Schallreuter & Siveter sp. nov.	**15** (6) 21-24 **(1988)**
reticulatus	*Scrobisylthis*	(Sarv, 1959)	**24** (5) 25-32 **(1998)**
retifera	*Kirkbyrhiza*	(Roth, 1929)	**24** (6) 33-40 **(1998)**
retiformis	*Mutilus*	(Terquem, 1878)	**1** (20) 109-116 **(1973)**
retroswinga	*Dabashanella*	Huo, Shu & Fu, 1983	**16** (3) 13-16 **(1989)**
rhomboidalis	*Schuleridea*	Neale, 1960	**7** (6) 29-32 **(1980)**
rhomboidea	*Loxoconcha*	(Fischer, 1855)	**3** (17) 81-90 **(1976)**
riescoensis	*Argenticytheretta (Argenticytheretta)*	Rose sp. nov.	**2** (30) 195-198 **(1975)**
rimafossa	*Paracytheromorpha*	Maybury & Whatley gen. et sp. nov.	**13** (3) 17-20 **(1986)**
robertsoni	*Bonnyannella*	(Brady, 1868)	**9** (14) 77-84 **(1982)**
robusta	*Kuiperiana*	Whatley & Maybury sp. nov.	**14** (17) 73-76 **(1987)**
robusta	*Terquemula*	Sheppard sp. nov.	**8** (27) 153-156 **(1981)**
rorei	*Thibautina*	Vannier gen. et sp. nov.	**11** (23) 119-122 **(1984)**
rosensteinae	*Kiltsiella*	(Sarv, 1962)	**20** (3) 9-12 **(1993)**
rubens	*Xestoleberis*	Whittaker sp. nov.	**5** (5) 35-44 **(1978)**
rubra	*Hiltermannicythere*	(Müller, 1894)	**12** (9) 45-48 **(1985)**
rubritincta	*Loxoconcha*	Ruggieri, 1964	**3** (20) 107-116 **(1976)**
ruggierii	*Palmoconcha*	Maybury sp. nov.	**18** (27) 109-112 **(1991)**
ruggierii	*Semicytherura*	(Pucci, 1955)	**2** (17) 101-104 **(1974)**
rugosa	*Arcacythere*	Majoran sp. nov.	**22** (9) 33-36 **(1995)**
runica	*Platybolbina*	Schallreuter & Kruta sp. nov.	**11** (24) 123-126 **(1984)**
ruperti	*Cytherellina*	Petersen & Lundin sp. nov.	**23** (12) 49-52 **(1996)**
rusconii	*Trispinatia*	(de García & Proserpio, 1978)	**21** (1) 1-4 **(1994)**
salebrosa	*Robustaurila*	(Brady, 1869)	**17** (25) 121-128 **(1990)**
salterianum	*Macrypsilon*	(Jones, 1855)	**16** (22) 100-105 **(1989)**
sanctivincentis	*Scepticocythereis*	Majoran sp. nov.	**23** (5) 17-20 **(1996)**
sandbergeri	*Cytheridea*	Kammerer sp. nov.	**16** (26) 120-127 **(1989)**
sarvi	*Bromidella*	Schallreuter, 1964	**10** (6) 25-28 **(1983)**
sarvi	*Malguzaria*	Michailova, 1972	**20** (16) 67-70 **(1993)**
scaberrima	*Bythoceratina*	(Brady, 1886)	**1** (3) 23-30 **(1973)**
scabra	*Paracathaycythere*	Zhao & Whatley sp. nov.	**18** (24) 97-100 **(1991)**
scabrocuneata	*Trachyleberis*	(Brady, 1880)	**10** (22) 119-126 **(1983)**
scarabaeus	*Cytherella (Cytherelloidea)*	Doruk sp. nov.	**4** (26) 149-152 **(1977)**
schaeferi	*Fallaticella*	Schallreuter, 1984	**16** (6) 25-28 **(1989)**
schallreuteri	*Poloniella*	Lundin nom. nov.	**22** (14) 61 **(1995)**
schwarzbachi	*Ilyocypris*	Kempf, 1967	**2** (38) 239-246 **(1975)**
scitula	*Glyptocythere*	Bate, 1965	**4** (16) 95-98 **(1977)**
scripta	*Harperopsis*	(Harper, 1947)	**10** (2) 5-12 **(1983)**
scrobiculata	*Monoceratina*	Triebel & Bartenstein, 1938	**6** (21) 113-116 **(1979)**
sella	*Semicytherura*	(Sars, 1866)	**2** (15) 85-92 **(1974)**
seminulum	*Urocythereis*	(Seguenza, 1880)	**2** (7) 45-48 **(1974)**
semipunctata	*Cytheretta (Cytheretta)*	(Bornemann, 1855)	**13** (1) 1-8 **(1986)**
semirugosa	*Loculicytheretta (Heptaloculites)*	(Apostolescu & Magne, 1956)	**1** (6) 41-42 **(1973)**
separata	*Tetradella*	Sidaraviciene, 1971	**5** (9) 61-64 **(1978)**
serralobata	*Bilobatia*	Schallreuter, 1976	**9** (2) 9-16 **(1982)**
sestina	*Pejonesia*	(Fleming, 1973)	**19** (2) 5-8 **(1992)**
shajingensis	*Chinocythere*	Su sp. nov.	**16** (14) 59-62 **(1989)**
shixiaensis	*Limnocythere*	(Wang, 1980)	**12** (7) 31-38 **(1985)**
shulanensis	*Lophocypris*	Zhang & Zhao gen. et sp. nov.	**16** (2) 9-12 **(1989)**
sibirica	*Cambria*	Neckaja & Ivanova, 1956	**21** (3) 9-12 **(1994)**
simplex	*Lomatopisthia*	(Harris, 1957)	**18** (4) 13-16 **(1991)**
simplex	*Scaldianella*	(Krause, 1891)	**19** (6) 21-24 **(1992)**
simpsoni	*Eridoconcha*	Harris, 1931	**17** (4) 13-18 **(1990)**
sinensis	*Albileberis*	Hou, 1982	**14** (3) 9-12 **(1987)**
sinensis	*Cocoonocythere*	Zhao, 1984	**18** (25) 101-104 **(1991)**
sinensis	*Sinocythere*	Hou, 1982	**14** (2) 5-8 **(1987)**
siveteri	*Beyrichia (Sagenabeyrichia)*	Pollicot subgen. et sp. nov.	**14** (14) 57-64 **(1987)**
siveteri	*Pterygocythereis*	Athersuch sp. nov.	**5** (1) 1-8 **(1978)**
siveteri	*Rectella*	Petersen & Lundin sp. nov.	**19** (26) 111-114 **(1992)**
sotoi	*Bufanchiste*	Becker, 1989	**18** (7) 25-28 **(1991)**
sp. A	*Loculicytheretta (Heptaloculites)*	unnamed	**1** (7) 43-44 **(1973)**
speetonensis	*Paranotacythere*	(Neale, 1962)	**7** (7) 33-36 **(1980)**
speyeri	*Mutlius*	(Brady, 1868)	**1** (25) 137-140 **(1973)**
spinireticulata	*Echinocythereis*	Kontrovitz, 1971	**16** (31) 152-155 **(1989)**
spinosa	*Apatocythere*	Neale, 1962	**5** (15) 101-104 **(1978)**

spinosa	*Duringia*	(Knüpfer, 1968)	**11** (3) 9-12 **(1984)**
spinosa	*Muhuaella*	Olempska gen. et sp. nov.	**25** (8) 35-38 **(1998)**
spiralis	*Glyptolichvinella*	(Jones & Kirkby, 1884)	**14** (32) 139-142 **(1987)**
spitzbergensis	*Triadocypris*	Weitschat, 1983	**10** (23) 127-138 **(1983)**
spongiosoreticulata	*Platybolbina (Reticulobolbina)*	Schallreuter, 1972	**6** (13) 67-70 **(1979)**
stellifera	*Loxoconcha*	G. W. Müller, 1894	**4** (18) 107-114 **(1977)**
steusloffi	*Berolinella*	(Krause, 1891)	**16** (23) 106-111 **(1989)**
stevensoni	*Darwinula*	Brady & Robertson, 1870	**25** (4) 17-22 **(1998)**
stilla	*Progonocythere*	Sylvester-Bradley, 1948	**2** (27) 173-180 **(1975)**
struvei	*Refrathella*	Becker, 1967	**17** (23) 113-116 **(1990)**
subglobosa	*Cypris*	J. de C. Sowerby, 1840	**3** (22) 125-132 **(1976)**
subquadrata	*Loxocauda*	Maybury & Whatley sp. nov.	**14** (18) 77-80 **(1987)**
sulcata	*Retinoda*	(Knüpfer, 1968)	**13** (4) 21-24 **(1986)**
sulcata	*Semicytherura*	(G. W. Müller, 1894)	**2** (16) 93-100 **(1974)**
sulcatus	*Eographiodactylus*	Schallreuter, 1975	**7** (1) 1-8 **(1980)**
superciliata	*Schallreuteria*	(Reed, 1910)	**9** (17) 93-100 **(1982)**
syltensis	*Disulcina*	Schallreuter sp. nov.	**7** (4) 21-24 **(1980)**
sylvesterbradleyi	*Cypridea*	Bate sp. nov.	**21** (23) 103-106 **(1994)**
sylvesterbradleyi	*Pelecocythere*	Athersuch gen. et sp. nov.	**6** (3) 13-20 **(1979)**
sylvesterbradleyi	*Ploteristes*	Siveter gen. et sp. nov.	**21** (26) 115-118 **(1994)**
taprobanensis	*Ilyocypris*	Neale sp. nov.	**3** (6) 37-40 **(1976)**
tatsunokuchiensis	*Kotoracythere*	Ishizaki, 1966	**22** (15) 62-65 **(1995)**
taxyae	*Parapokornyella*	(Babinot, 1970)	**13** (29) 133-136 **(1986)**
tegminata	*Orionina*	Doruk sp. nov.	**2** (10) 57-60 **(1974)**
tela	*Semicytherura*	Horne & Whittaker sp. nov.	**7** (21) 125-130 **(1980)**
tenuisculpta	*Romecytheridea*	(Rome, 1962)	**15** (22) 97-100 **(1988)**
tergocornuta	*Rabienoscapha*	Becker, 1989	**19** (19) 83-86 **(1992)**
teshekpukensis	*Cytheretta*	Swain, 1963	**2** (43) 271-278 **(1975)**
testata	*Orcofabella*	(Gailite, 1966)	**18** (1) 1-4 **(1991)**
ticka	*Majungaella*	(Krömmelbein, 1975)	**21** (22) 99-102 **(1994)**
torosa	*Cyprideis*	(Jones, 1850)	**2** (5) 21-32 **(1974)**
torquata	*Procythereis*	(Skogsberg, 1928)	**1** (17) 93-96 **(1973)**
transversicostata	*Hermanites*	Khalaf sp. nov.	**9** (11) 59-62 **(1982)**
triangularis	*Timiriasevia*	Timberlake sp. nov.	**15** (14) 57-68 **(1988)**
tricarinata	*Hemicytherura*	Hanai, 1957	**15** (30) 143-146 **(1988)**
triformosa	*Duringia*	Jones sp. nov.	**11** (4) 13-16 **(1984)**
trigonella	*Propontocypris*	(Sars, 1866)	**9** (12) 63-68 **(1982)**
triloculata	*Tetradella?*	Schallreuter sp. nov.	**5** (11) 73-80 **(1978)**
troglodytophila	*Sleia*	Martinsson, 1962	**1** (27) 145-148 **(1973)**
trudis	*Costa*	Ahmad sp. nov.	**4** (21) 127-130 **(1977)**
tuber	*Tubupestis*	Hinz & Jones gen. et sp. nov.	**19** (3) 9-12 **(1992)**
tuberculata	*Chinocythere*	Su sp. nov.	**16** (15) 63-66 **(1989)**
tuberculata	*Maghrebeis*	Majoran gen. et sp. nov.	**14** (8) 29-32 **(1987)**
tuberculatus	*Robertsonites*	(Sars, 1866)	**10** (8) 39-52 **(1983)**
tuberosa	*Tuberoloxoconcha*	(Hartmann, 1954)	**16** (16) 67-72 **(1989)**
tumida	*Micropneumatocythere*	Stephens & Ware sp. nov.	**7** (19) 113-116 **(1980)**
tumida	*Sunliavia*	Sou, 1959	**17** (6) 23-30 **(1990)**
tumiensis ferreri	*Frambocythere*	Colin, 1980	**18** (10) 37-40 **(1991)**
tunta	*Bennelongia*	De Deckker sp. nov.	**9** (21) 117-124 **(1982)**
turris	*Hippula (Cetona)*	(Schallreuter, 1967)	**11** (1) 1-4 **(1984)**
ubiquita	*Gammacythere*	Malz & Lord, 1976	**4** (9) 49-52 **(1977)**
ubiquita	*Pariceratina*	Boomer sp. nov.	**21** (18) 79-86 **(1994)**
ulula	*Ulopsis*	Hinz gen. et sp. nov.	**18** (17) 69-72 **(1991)**
undosa	*Cyprideis*	van Harten sp. nov.	**7** (15) 81-88 **(1980)**
undulata	*Loxoconcha*	Al-Furaih sp. nov.	**11** (20) 103-106 **(1984)**
unicerata	*Jaanussonia*	Schallreuter, 1971	**15** (29) 137-142 **(1988)**
unicornis	*Bulbosclerites*	(Neckaja, 1952)	**7** (13) 73-76 **(1980)**
unicostata chinensis	*Cypridea*	Neale & Şu subsp. nov.	**17** (5) 19-22 **(1990)**
uptoni	*Timiriasevia*	Timberlake sp. nov.	**15** (13) 49-56 **(1988)**
valensis	*Kroemmelbeinia*	Schallreuter sp. nov.	**12** (5) 19-22 **(1985)**
vannieuwenhuisei	*Pterygocythereis*	Brouwers sp. nov.	**14** (5) 17-20 **(1987)**
vanstraateni	*Bathycythere*	Sissingh, 1971	**2** (22) 133-140 **(1974)**
varia	*Asiacicatricula*	(Michailova, 1971)	**20** (15) 63-66 **(1993)**
variolata	*Columatia*	(Jones & Holl, 1865)	**16** (7) 29-34 **(1989)**
venosa	*Paijenborchellina*	Gurney sp. nov.	**6** (20) 107-112 **(1979)**
ventrocornuta	*Mandelstamia*	(Sharapova, 1939)	**6** (10) 51-54 **(1979)**
venusta	*Kuzminaella*	Tschigova, 1977	**21** (12) 47-50 **(1994)**
videns	*Hemicytherura*	(Müller, 1894)	**8** (4) 19-26 **(1981)**
villosa	*Hemicythere*	(Sars, 1866)	**8** (5) 27-32 **(1981)**
villosa	*Villozona*	(Gründel, 1961)	**18** (21) 85-88 **(1991)**
virens	*Eucypris*	(Jurine, 1820)	**23** (14) 61-68 **(1996)**
viridis	*Centrocypris*	Neale sp. nov.	**3** (3) 13-20 **(1976)**
viridis	*Hirschmannia*	(O. F. Müller, 1785)	**2** (24) 149-156 **(1975)**
volgaensis	*Galliaecytheridea*	(Lyubimova, 1955)	**6** (9) 47-50 **(1979)**
vonhachtorum	*Lomatobolbina*	Schallreuter sp. nov.	**8** (10) 51-54 **(1981)**

voraginosa	*Heterocythereis*	Athersuch sp. nov.	**6** (23) 125-132 **(1979)**
v-scripta	*Primitivothlipsurella*	(Jones & Holl, 1869)	**16** (19) 78-85 **(1989)**
vulgaris	*Paralimnocythere*	McKenzie & Swanson sp. nov.	**8** (9) 45-50 **(1981)**
weberi	*Strandesia*	(Moniez, 1892)	**16** (27) 128-135 **(1989)**
weiningensis	*Leucocythere*	Zhao sp. nov.	**14** (27) 119-122 **(1987)**
whitei	*Carinocythereis*	(Baird, 1850)	**14** (24) 103-110 **(1987)**
woodwardii	*Aurila*	(Brady, 1868)	**7** (9) 45-52 **(1980)**
wordensis	*Aurikirkbya*	(Hamilton, 1942)	**16** (24) 112-115 **(1989)**
woutersi	*Aurila*	Horne sp. nov.	**13** (7) 33-38 **(1986)**
wyatti	*Sagmatocythere*	Maybury & Whatley sp. nov.	**14** (22) 93-96 **(1987)**
wyomingense	*Theriosynoecum*	(Branson, 1935)	**1** (39) 205-212 **(1973)**
xinanensis	*Limnocythere*	Zhao sp. nov.	**14** (29) 127-130 **(1987)**
yapinga	*Cypretta*	De Deckker sp. nov.	**9** (23) 133-140 **(1982)**
zetlandica	*Bythocythere*	Athersuch, Horne & Whittaker, 1983	**14** (16) 69-72 **(1987)**

RECENT

Acanthocythereis	*hystrix*	(Reuss, 1849)	**6** (24) 133-140 **(1979)**
Albileberis	*sinensis*	Hou, 1982	**14** (3) 9-12 **(1987)**
Atjehella	*kingmai*	Keij, 1979	**11** (12) 59-62 **(1984)**
Aurila	*woutersi*	Horne sp. nov.	**13** (7) 33-38 **(1986)**
Australicythere	*polylyca*	(Müller, 1908)	**1** (32) 169-172 **(1973)**
Baffinicythere	*howei*	Hazel, 1967	**10** (9) 53-62 **(1983)**
Bennelongia	*tunta*	De Deckker sp. nov.	**9** (21) 117-124 **(1982)**
Bonnyannella	*robertsoni*	(Brady, 1868)	**9** (14) 77-84 **(1982)**
Bradleya	*normani*	(Brady, 1865)	**15** (9) 33-36 **(1988)**
Bryocypris	*grandipes*	Røen, 1956	**16** (29) 140-147 **(1989)**
Bythoceratina	*scaberrima*	(Brady, 1886)	**1** (3) 23-30 **(1973)**
Bythocythere	*bradleyi*	Athersuch, Horne & Whittaker, 1983	**21** (14) 59-62 **(1994)**
Bythocythere	*intermedia*	Elofson, 1938	**14** (15) 65-68 **(1987)**
Bythocythere	*zetlandica*	Athersuch, Horne & Whittaker, 1983	**14** (16) 69-72 **(1987)**
Caboncypris	*nunkeri*	De Deckker gen. et sp. nov.	**9** (22) 125-132 **(1982)**
Callistocythere	*badia*	(Norman, 1862)	**4** (10) 53-58 **(1977)**
Callistocythere	*crispata*	(Brady, 1868)	**7** (12) 67-72 **(1980)**
Callistocythere	*littoralis*	(Müller, 1894)	**7** (11) 61-66 **(1980)**
Callistocythere	*mediterranea*	(Müller, 1894)	**7** (23) 135-138 **(1980)**
Callistocythere	*murrayi*	Whittaker sp. nov.	**5** (25) 145-152 **(1978)**
Callistocythere	*pumila*	Hanai, 1957	**25** (3) 9-16 **(1998)**
Carinocythereis	*batei*	Jain, 1978	**21** (16) 71-74 **(1994)**
Carinocythereis	*carinata*	(Roemer, 1838)	**14** (23) 97-102 **(1987)**
Carinocythereis	*whitei*	(Baird, 1850)	**14** (24) 103-110 **(1987)**
Cathaycythere	*reticulata*	Whatley & Zhao gen. et sp. nov.	**14** (1) 1-4 **(1987)**
Cativella	*bensoni*	Neale, 1967	**6** (2) 5-12 **(1979)**
Celtia	*quadridentata*	(Baird, 1850)	**2** (46) 287-294 **(1975)**
Centrocypris	*viridis*	Neale sp. nov.	**3** (3) 13-20 **(1976)**
Cluthia	*keiji*	Neale sp. nov.	**2** (23) 141-148 **(1975)**
Cocoonocythere	*sinensis*	Zhao, 1984	**18** (25) 101-104 **(1991)**
Costa	*batei*	(Brady,1866)	**1** (45) 249-252 **(1973)**
Cypretta	*yapinga*	De Deckker sp. nov.	**9** (23) 133-140 **(1982)**
Cyprideis	*torosa*	(Jones, 1850)	**2** (5) 21-32 **(1974)**
Cypris	*decaryi*	Gauthier	**3** (23) 133-140 **(1976)**
Cypris	*latissima*	(G. W. Müller, 1898)	**4** (24) 139-144 **(1977)**
Cypris	*subglobosa*	J. de C. Sowerby, 1840	**3** (22) 125-132 **(1976)**
Cythere	*hanaii*	Tsukagoshi & Ikeya, 1987	**24** (2) 5-12 **(1998)**
Cytherelloidea	*bonanzaensis*	Keij, 1964	**11** (13) 63-66 **(1984)**
Cytheretta	*adriatica*	Ruggieri, 1952	**4** (12) 69-78 **(1977)**
Cytheretta	*judaea*	(Brady, 1868)	**4** (11) 59-68 **(1977)**
Cytheretta	*teshekpukensis*	Swain, 1963	**2** (43) 271-278 **(1975)**
Cytheromorpha	*fuscata*	(Brady, 1869)	**18** (13) 49-56 **(1991)**
Cytheropteron	*abyssorum*	Brady, 1880	**21** (15) 63-70 **(1994)**
Cytheropteron	*bronwynae*	Joy & Clark, 1977	**22** (11) 41-44 **(1995)**
Cytheropteron	*latissimum*	(Norman, 1865)	**15** (27) 127-132 **(1988)**
Cytherura	*gibba*	(O. F. Müller, 1785)	**1** (50) 273-280 **(1973)**
Darwinula	*incae*	Delachaux, 1928	**23** (9) 35-40 **(1996)**
Darwinula	*stevensoni*	Brady & Robertson, 1870	**25** (4) 17-22 **(1998)**
Echinocythereis	*spinireticulata*	Kontrovitz, 1971	**16** (31) 152-155 **(1989)**
Elofsonia	*baltica*	(Hirschmann, 1909)	**1** (37) 193-200 **(1973)**
Elofsonia	*pusilla*	(Brady & Robertson, 1870)	**1** (38) 201-204 **(1973)**
Eucypris	*fontana*	(Graf, 1931)	**8** (16) 87-92 **(1981)** & **9** (25) 144 **(1982)**
Eucypris	*virens*	(Jurine, 1820)	**23** (14) 61-68 **(1996)**
Eucythere	*anglica*	Brady, 1868	**12** (2) 7-10 **(1985)**
Eucythere	*argus*	(Sars, 1866)	**13** (15) 71-76 **(1986)**
Eucythere	*declivis*	(Norman, 1865)	**12** (1) 1-6 **(1985)**
Eucythere	*prava*	Brady & Robertson, 1869	**12** (3) 11-14 **(1985)**
Gambiella	*caelata*	Witte gen. et sp. nov.	**12** (25) 141-148 **(1985)**
Ghardaglaia	*ambigua*	Neale sp. nov.	**6** (19) 99-106 **(1979)**
Hemicypris	*bairdi*	Martens & Wouters sp. nov.	**12** (24) 135-140 **(1985)**
Hemicypris	*dentatomarginata*	(Baird, 1859)	**12** (23) 127-134 **(1985)**
Hemicythere	*villosa*	(Sars, 1866)	**8** (5) 27-32 **(1981)**
Hemicytherura	*aegyptica*	Hartmann, 1964	**8** (2) 7-12 **(1981)**
Hemicytherura	*cellulosa*	(Norman, 1865)	**1** (14) 77-84 **(1973)** & **8** (1) 1-6 **(1981)**
Hemicytherura	*cellulosa*	(Norman, 1865)	**1** (14) 77-84 **(1973)** & **8** (1) 1-6 **(1981)**
Hemicytherura	*hoskini*	Horne sp. nov.	**8** (3) 13-18 **(1981)**
Hemicytherura	*tricarinata*	Hanai, 1957	**15** (30) 143-146 **(1988)**
Hemicytherura	*videns*	(Müller, 1894)	**8** (4) 19-26 **(1981)**
Hemingwayella	*pumilio*	(Brady, 1880)	**18** (12) 45-48 **(1991)**
Heterocypris	*luzonensis*	Neale sp. nov.	**8** (15) 79-86 **(1981)**
Heterocythereis	*albomaculata*	(Baird, 1838)	**6** (22) 117-124 **(1979)**
Heterocythereis	*voraginosa*	Athersuch sp. nov.	**6** (23) 125-132 **(1979)**
Hiltermannicythere	*emaciata*	(Brady, 1867)	**12** (8) 39-44 **(1985)**
Hiltermannicythere	*rubra*	(Müller, 1894)	**12** (9) 45-48 **(1985)**
Hirschmannia	*viridis*	(O. F. Müller, 1785)	**2** (24) 149-156 **(1975)**
Howeina	*camptocytheroidea*	Hanai, 1957	**14** (9) 33-36 **(1987)**

Ilyocypris	*monstrifica*	(Norman, 1862)	**1** (28) 149-152 **(1973)**
Ilyocypris	*taprobanensis*	Neale sp. nov.	**3** (6) 37-40 **(1976)**
Kuiperiana	*dryppa*	(Whatley & Coles, 1987)	**20** (7) 29-32 **(1993)**
Leptocythere	*baltica*	Klie, 1929	**12** (18) 93-98 **(1985)**
Leptocythere	*multipunctata*	(Seguenza, 1884)	**7** (27) 151-154 **(1980)**
Leptocythere	*porcellanea*	(Brady, 1869)	**12** (19) 99-106 **(1985)**
Leptocythere	*psammophila*	Guillaume, 1976	**15** (26) 123-126 **(1988)**
Lindisfarnia	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & 12 (28) 158 **(1985)**
Lindisfarnia	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & 12 (28) 158 **(1985)**
Loculicytheretta	*pavonia*	(Brady, 1866)	**1** (43) 237-244 **(1973)**
Loxoconcha	*affinis*	(Brady, 1866)	**3** (18) 91-98 **(1976)**
Loxoconcha	*alata*	Brady, 1868	**4** (17) 99-106 **(1977)**
Loxoconcha	*amygdalanux*	Bate & Gurney, 1981	**11** (21) 107-110 **(1984)**
Loxoconcha	*conjugalis*	Athersuch sp. nov.	**4** (20)119-126 **(1977)**
Loxoconcha	*cuneiformis*	Malcolmson, 1886	**9** (4) 21-26 **(1982)** & **12** (27) 157 **(1985)**
Loxoconcha	*dimorpha*	Hartmann, 1959	**9** (5) 27-32 **(1982)**
Loxoconcha	*elliptica*	Brady, 1868	**3** (19) 99-106 **(1976)**
Loxoconcha	*linleyi*	Horne sp. nov.	**9** (6) 33-40 **(1982)**
Loxoconcha	*malcomsoni*	Horne & Robinson nom. nov.	**12** (27) 157 **(1985)**
Loxoconcha	*multiornata*	Bate & Gurney, 1981	**11** (19) 99-102 **(1984)**
Loxoconcha	*nea*	Barbeito-Gonzalez, 1971	**4** (19) 115-118 **(1977)**
Loxoconcha	*ovulata*	(Costa, '1863')	**6** (25) 141-150 **(1979)**
Loxoconcha	*rhomboidea*	(Fischer, 1855)	**3** (17) 81-90 **(1976)**
Loxoconcha	*rubritincta*	Ruggieri, 1964	**3** (20) 107-116 **(1976)**
Loxoconcha	*stellifera*	G. W. Müller, 1894	**4** (18) 107-114 **(1977)**
Loxoconcha	*undulata*	Al-Furaih sp. nov.	**11** (20) 103-106 **(1984)**
Loxoreticulatum	*fallax*	(G. W. Müller, 1908)	**1** (49) 269-272 **(1973)**
Muellerina	*hazeli*	Coles & Cronin sp. nov.	**14** (6) 21-24 **(1987)**
Mutilus	*convexus*	(Baird, 1850)	**1** (24) 129-136 **(1973)**
Nannocythere	*pava*	(Malcomson, 1886)	**10** (7) 29-38 **(1983)**
Nipponocythere	*cuneata*	Ayress & Correge sp. nov.	**20** (6) 25-28 **(1993)**
Notiocypridopsis	*frigogena*	(Graf, 1931)	**8** (18) 101-106 **(1981)**
Oncocypris	*pustulosa*	Gurney, 1916	**3** (4) 21-28 **(1976)**
Orionina	*caboverdensis*	Wouters sp. nov.	**23** (8) 29-34 **(1996)**
Paijenborchellina	*alata*	Gurney sp. nov.	**6** (5) 27-30 **(1979)**
Paijenborchellina	*venosa*	Gurney sp. nov.	**6** (20) 107-112 **(1979)**
Palmoconcha	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
Palmoconcha	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Paracathaycythere	*costaereticulata*	Whatley & Zhao gen. et sp. nov.	**18** (23) 93-96 **(1991)**
Paracytheridea	*cuneiformis*	(Brady, 1868)	**11** (11) 53-58 **(1984)**
Paracytheridea	*hexalpha*	Doruk sp. nov.	**7** (26) 147-150 **(1980)**
Paralimnocythere	*vulgaris*	McKenzie & Swanson sp. nov.	**8** (9) 45-50 **(1981)**
Patagonacythere	*devexa*	(Müller, 1908)	**1** (33) 173-176 **(1973)**
Pelecocythere	*sylvesterbradleyi*	Athersuch gen. et sp. nov.	**6** (3) 13-20 **(1979)**
Pellucistoma	*punctata*	Ayress sp. nov.	**23** (2) 5-8 **(1996)**
Polycope	*choane*	Hasan sp. nov.	**10** (11) 67-70 **(1983)**
Polycope	*foraminosa*	Hasan sp. nov.	**10** (10) 63-66 **(1983)**
Polycope	*frigida*	Neale sp. nov.	**8** (11) 55-62 **(1981)**
Polycope	*moenia*	Joy & Clark, 1977	**22** (23) 104-107 **(1995)**
Polycope	*regina*	Hasan sp. nov.	**10** (12) 71-74 **(1983)**
Procythereis	*iganderssoni*	(Skogsberg, 1928)	**1** (18) 97-100 **(1973)**
Procythereis	*torquata*	(Skogsberg, 1928)	**1** (17) 93-96 **(1973)**
Propontocypris	*pirifera*	(G. W. Müller, 1894)	**9** (13) 69-76 **(1982)**
Propontocypris	*trigonella*	(Sars, 1866)	**9** (12) 63-68 **(1982)**
Pseudocandona	*ceratina*	Mazepova, 1982	**19** (11) 41-48 **(1992)**
Pseudocandona	*gajewskajae*	Bronstein, 1947	**19** (12) 49-56 **(1992)**
Pterygocythereis	*jonesii*	(Baird, 1850)	**5** (2) 9-16 **(1978)** & **6** (27) 154 **(1979)**
Pterygocythereis	*siveteri*	Athersuch sp. nov.	**5** (1) 1-8 **(1978)**
Puriana	*fissispinata*	Benson & Coleman, 1963	**2** (45) 283-286 **(1975)**
Puriana	*pacifica*	Benson, 1959	**2** (44) 279-282 **(1975)**
Quadraleberis	*exquisita*	Bate & Sheppard gen. et sp. nov.	**7** (18) 107-112 **(1980)**
Radimella?	*aurita*	(Skogsberg, 1928)	**3** (10) 53-56 **(1976)**
Radimella	*darwini*	Pokorný, 1969	**3** (8) 45-48 **(1976)**
Radimella	*dictyon*	Pokorný, 1968	**3** (7) 41-44 **(1976)**
Radimella?	*floridana*	(Benson & Coleman, 1963)	**3** (11) 57-60 **(1976)**
Reticypris	*pinguis*	De Deckker sp. nov.	**8** (17) 93-100 **(1981)**
Robertsonites	*tuberculatus*	(Sars, 1866)	**10** (8) 39-52 **(1983)**
Robustaurila	*ishizakii*	(Okubo, **1980**)	**17** (27) 137-144 **(1990)**
Robustaurila	*kianohybrida*	(Hu, **1982**)	**17** (26) 129-136 **(1990)**
Robustaurila	*salebrosa*	(Brady, 1869)	**17** (25) 121-128 **(1990)**
Rockallia	*enigmatica*	Whatley, Frame & Whittaker gen. et sp. nov.	**5** (24) 137-144 **(1978)**
Romecytheridea	*ampla*	Wouters sp. nov.	**15** (23) 101-106 **(1988)**
Romecytheridea	*tenuisculpta*	(Rome, 1962)	**15** (22) 97-100 **(1988)**
Sagmatocythere	*napoliana*	(Puri, 1963)	**3** (21) 117-124 **(1974)**
Schizocythere	*ikeyai*	Tsukagoshi & Briggs sp. nov	**25** (10) 43-52 **(1998)**
Scottia	*audax*	(Chapman, 1961)	**7** (8) 37-44 **(1980)**
Semicytherura	*complanata*	(Brady, Crosskey & Robertson, 1874)	**22** (13) 53-60 **(1995)**
Semicytherura	*cornuta*	(Brady, 1868)	**2** (14) 77-84 **(1974)**

Semicytherura	*nigrescens*	(Baird, 1838)	**2** (13) 69-76 **(1974)**
Semicytherura	*sella*	(Sars, 1866)	**2** (15) 85-92 **(1974)**
Semicytherura	*tela*	Horne & Whittaker sp. nov.	**7** (21) 125-130 **(1980)**
Sinocythere	*sinensis*	Hou, 1982	**14** (2) 5-8 **(1987)**
Sinocytheridea	*impressa*	(Brady, 1869)	**14** (4) 13-16 **(1987)**
Stenocypris	*fernandoi*	Neale sp. nov.	**3** (5) 29-36 **(1976)**
Strandesia	*bicornuta*	Hartmann, 1964	**19** (14) 61-66 **(1992)**
Strandesia	*weberi*	(Moniez, 1892)	**16** (27) 128-135 **(1989)**
Sulcostocythere	*knysnaensis*	Benson & Maddocks, 1964	**1** (48) 265-268 **(1973)**
Swainocythere	*miniscula*	Ruggieri, 1976	**23** (1) 1-4 **(1996)**
Swainocythere	*minusculum*	Ruggieri, 1977	**25** (12) 57 **(1998)**
Swainocythere	*nanseni*	(Joy & Clark, 1981)	**19** (25) 107-110 **(1992)**
Tanganyikacypris	*matthesi*	Kiss, 1961	**10** (24) 139-148 **(1983)**
Trachyleberis	*bathymarina*	Ayress sp. nov.	**20** (25) 105-108 **(1993)**
Trachyleberis	*scabrocuneata*	(Brady, 1880)	**10** (22) 119-126 **(1983)**
Triebelina	*raripila*	(G. W. Müller, 1894)	**2** (12) 65-68 **(1974)**
Tuberoloxoconcha	*atlantica*	Horne sp. nov.	**16** (17) 73-76 **(1989)**
Tuberoloxoconcha	*tuberosa*	(Hartmann, 1954)	**16** (16) 67-72 **(1989)**
Tyrrhenocythere	*amnicola*	(Sars, 1888)	**12** (13) 69-72 **(1985)**
Urocythereis	*favosa*	(Roemer, 1838)	**2** (6) 33-44 **(1974)**
Urocythereis	*phantastica*	Athersuch & Ruggieri sp. nov.	**2** (36) 223-230 **(1975)**
Vitjasiella	*ferox*	(Hornibrook, 1953)	**18** (14) 57-60 **(1991)**
Xestoleberis	*aurantia*	(Baird, 1838)	**5** (4) 27-34 **(1978)**
Xestoleberis	*nitida*	(Liljeborg, 1853)	**5** (3) 17-26 **(1978)**
Xestoleberis	*postangulata*	Bate & Sheppard sp. nov.	**7** (17) 101-106 **(1980)**
Xestoleberis	*rubens*	Whittaker sp. nov.	**5** (5) 35-44 **(1978)**
Zabythocypris	*redunca*	Athersuch & Gooday sp. nov.	**6** (4) 21-26 **(1979)**

PLEISTOCENE

Abyssobythere	*guttata*	Ayress & Whatley gen. et sp. nov.	**16** (28) 136-139 **(1989)**
Albileberis	*sinensis*	Hou, 1982	**14** (3) 9-12 **(1987)**
Aurila	*woodwardii*	(Brady, 1868)	**7** (9) 45-52 **(1980)**
Baffinicythere	*howei*	Hazel, 1967	**10** (9) 53-62 **(1983)**
Bathycythere	*vanstraateni*	Sissingh, 1971	**2** (22) 133-140 **(1974)**
Carinocythereis	*antiquata*	(Baird, 1850)	**8** (12) 63-70 **(1981)**
Carinocythereis	*whitei*	(Baird, 1850)	**14** (24) 103-110 **(1987)**
Chinocythere	*curvispinata*	Su sp. nov.	**16** (13) 55-58 **(1989)**
Chinocythere	*shajingensis*	Su sp. nov.	**16** (14) 59-62 **(1989)**
Chinocythere	*tuberculata*	Su sp. nov.	**16** (15) 63-66 **(1989)**
Costa	*edwardsii*	(Roemer, 1838)	**1** (44) 245-248 **(1973)**
Costa	*punctatissima*	Ruggieri, 1962	**1** (46) 253-256 **(1973)**
Cyprideis	*torosa*	(Jones, 1850)	**2** (5) 21-32 **(1974)**
Cytheretta	*adriatica*	Ruggieri, 1952	**4** (12) 69-78 **(1977)**
Cytheretta	*teshekpukensis*	Swain, 1963	**2** (43) 271-278 **(1975)**
Cytheropteron	*abyssorum*	Brady, 1880	**21** (15) 63-70 **(1994)**
Cytheropteron	*brastadensis*	Lord sp. nov.	**8** (7) 37-40 **(1981)**
Cytheropteron	*elofsoni*	Lord sp. nov.	**8** (6) 33-36 **(1981)**
Heterocyprideis	*macrotuberculata*	Masson & Whatley sp. nov.	**4** (13) 79-86 **(1977)**
Heterocythereis	*voraginosa*	Athersuch sp. nov.	**6** (23) 125-132 **(1979)**
Ilyocypris	*quinculminata*	Sylvester-Bradley sp. nov.	**1** (15) 85-88 **(1973)**
Ilyocypris	*schwarzbachi*	Kempf, 1967	**2** (38) 239-246 **(1975)**
Jonesia	*marecorallinensis*	Correge sp. nov.	**19** (24) 103-106 **(1992)**
Kuiperiana	*bathymarina*	Ayress, Coles & Whatley sp. nov.	**21** (7) 27-30 **(1994)**
Leptocythere	*multipunctata*	(Seguenza, 1884)	**7** (27) 151-154 **(1980)**
Leucocythere	*plena*	Zhao sp. nov.	**14** (28) 123-126 **(1987)**
Leucocythere	*weiningensis*	Zhao sp. nov.	**14** (27) 119-122 **(1987)**
Limnocythere	*shixiaensis*	(Wang, 1980)	**12** (7) 31-38 **(1985)**
Limnocythere	*xinanensis*	Zhao sp. nov.	**14** (29) 127-130 **(1987)**
Lindisfarnia	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
Lindisfarnia	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Loculicytheretta	*pavonia*	(Brady, 1866)	**1** (43) 237-244 **(1973)**
Loxoconcha	*cuneiformis*	Malcolmson, 1886	**9** (4) 21-26 **(1982)** & 12 (27) 157 **(1985)**
Loxoconcha	*malcomsoni*	Horne & Robinson nom. nov.	**12** (27) 157 **(1985)**
Loxoconcha	*ovulata*	(Costa, '1863')	**6** (25) 141-150 **(1979)**
Loxoconcha	*pontica*	Klie, 1937	**7** (10) 53-60 **(1980)**
Malzella	*bellegladensis*	(Kontrovitz, 1978)	**17** (28) 145-148 **(1990)**
Metacypris	*aphthosa*	Zhao sp. nov.	**14** (30) 131-134 **(1987)**
Muellerina	*hazeli*	Coles & Cronin sp. nov.	**14** (6) 21-24 **(1987)**
Mutilus	*cimbaeformis*	(Seguenza, 1882)	**1** (22) 121-124 **(1973)**
Mutlius	*speyeri*	(Brady, 1868)	**1** (25) 137-140 **(1973)**
Nipponocythere	*colalongoae*	(Ciampo, 1986)	**20** (5) 17-24 **(1993)**
Palmoconcha	*guttata*	(Norman, 1865)	**8** (20) 117-124 **(1981)** & **12** (28) 158 **(1985)**
Palmoconcha	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Paracathaycythere	*scabra*	Zhao & Whatley sp. nov.	**18** (24) 97-100 **(1991)**
Paracytheridea	*hexalpha*	Doruk sp. nov.	**7** (26) 147-150 **(1980)**
Polydontoconcha	*hyperdonta*	Zhao & Whatley gen. et sp. nov.	**18** (26) 105-108 **(1991)**
Robertsonites	*tuberculatus*	(Sars, 1866)	**10** (8) 39-52 **(1983)**
Semicytherura	*complanata*	(Brady, Crosskey & Robertson, 1874)	**22** (13) 53-60 **(1995)**

Semicytherura	*exudata*	Doruk sp. nov.	**2** (19) 113-116 **(1974)**
Semicytherura	*incongruens*	(G. W. Müller, 1894)	**2** (18) 105-112 **(1974)**
Semicytherura	*pulchra*	(Coles & Whatley, 1989)	**19** (13) 57-60 **(1992)**
Semicytherura	*ruggierii*	(Pucci, 1955)	**2** (17) 101-104 **(1974)**
Semicytherura	*sulcata*	(G. W. Müller, 1894)	**2** (16) 93-100 **(1974)**
Urocythereis	*labyrinthica*	Uliczny, 1969	**2** (8) 49-52 **(1974)**
Urocythereis	*phantastica*	Athersuch & Ruggieri sp. nov.	**2** (36) 223-230 **(1975)**

PLIOCENE

Acanthocythereis	*hystrix*	(Reuss, 1849)	**6** (24) 133-140 **(1979)**
Ambostracon	*costaforma*	Whatley & Maybury sp. nov.	**13** (17) 81-84 **(1986)**
Ambostracon	*delicata*	Whatley & Maybury sp. nov.	**13** (18) 85-88 **(1986)**
Ambostracon	*europea*	Maybury & Whatley sp. nov.	**13** (16) 77-80 **(1986)**
Ambostracon	*perfecta*	Maybury & Whatley sp. nov.	**13** (19) 89-92 **(1986)**
Callistocythere	*mediterranea*	(Müller, 1894)	**7** (23) 135-138 **(1980)**
Carinocythereis	*antiquata*	(Baird, 1850)	**8** (12) 63-70 **(1981)**
Carinocythereis	*carinata*	(Roemer, 1838)	**14** (23) 97-102 **(1987)**
Chinocythere	*curvispinata*	Su sp. nov.	**16** (13) 55-58 **(1989)**
Chinocythere	*shajingensis*	Su sp. nov.	**16** (14) 59-62 **(1989)**
Chinocythere	*tuberculata*	Su sp. nov.	**16** (15) 63-66 **(1989)**
Costa	*batei*	(Brady,1866)	**1** (45) 249-252 **(1973)**
Costa	*edwardsii*	(Roemer, 1838)	**1** (44) 245-248 **(1973)**
Costa	*punctatissima*	Ruggieri, 1962	**1** (46) 253-256 **(1973)**
Cyprideis	*exuberans*	van Harten sp. nov.	**7** (16) 89-100 **(1980)**
Cytherella	*postdenticulata*	Oertli, 1961	**2** (9) 53-56 **(1974)**
Cytheromorpha	*diamphidia*	Maybury sp. nov.	**20** (1) 1-4 **(1993)**
Elofsonia	*papillata*	Whatley & Maybury sp. nov.	**15** (16) 73-76 **(1988)**
Elofsonia	*praepusilla*	Maybury & Whatley sp. nov.	**15** (17) 77-80 **(1988)**
Howeina	*camptocytheroidea*	Hanai, 1957	**14** (9) 33-36 **(1987)**
Keijella	*hodgii*	(Brady, 1866)	**1** (9) 53-56 **(1973)**
Kotoracythere	*tatsunokuchiensis*	Ishizaki, 1966	**22** (15) 62-65 **(1995)**
Kuiperiana	*paravariesculpta*	Maybury sp. nov.	**22** (10) 37-40 **(1995)**
Kuiperiana	*robusta*	Whatley & Maybury sp. nov.	**14** (17) 73-76 **(1987)**
Leptocythere	*multipunctata*	(Seguenza, 1884)	**7** (27) 151-154 **(1980)**
Lindisfarnia	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Loculicytheretta	*pavonia*	(Brady, 1866)	**1** (43) 237-244 **(1973)**
Loxocauda	*subquadrata*	Maybury & Whatley sp. nov.	**14** (18) 77-80 **(1987)**
Loxoconcha	*athersuchi*	Whatley & Maybury sp. nov.	**15** (18) 81-84 **(1988)**
Loxoconcha	*pararhomboidea*	Whatley & Maybury sp. nov.	**15** (3) 9-12 **(1988)**
Loxoconcha	*praepontica magna*	Maybury & Whatley subsp. nov.	**15** (2) 5-8 **(1988)**
Loxoconcha	*praepontica praepontica*	Maybury & Whatley subsp. nov.	**15** (1) 1-4 **(1988)**
Loxocorniculum	*grateloupianum*	(Bosquet, 1852)	**17** (12) 65-68 **(1990)**
Loxocorniculum	*micrograteloupianum*	Maybury sp. nov.	**17** (13) 69-72 **(1990)**
Loxocorniculum	*multireticulatum*	Maybury sp. nov.	**20** (24) 101-104 **(1993)**
Mutilus	*cimbaeformis*	(Seguenza, 1882)	**1** (22) 121-124 **(1973)**
Mutilus	*convexus*	(Baird, 1850)	**1** (24) 129-136 **(1973)**
Mutilus	*elegantulus*	Ruggieri & Sylvester-Bradley sp. nov.	**2** (47) 295 **(1975)**
Mutilus	*retiformis*	(Terquem, 1878)	**1** (20) 109-116 **(1973)**
Mutlius	*speyeri*	(Brady, 1868)	**1** (25) 137-140 **(1973)**
Paijenborchella (Eopaijenborchella)	*malaiensis cymbula*	Ruggieri, 1950	**1** (30) 161-164 **(1973)**
Palmoconcha	*bitruncata*	(Brady, 1878)	**21** (11) 43-46 **(1994)**
Palmoconcha	*hornei*	Maybury & Whatley sp. nov.	**15** (4) 13-16 **(1988)**
Palmoconcha	*laevata*	(Norman, 1865)	**8** (19) 107-116 **(1981)** & **12** (28) 158 **(1985)**
Palmoconcha	*ruggierii*	Maybury sp. nov.	**18** (27) 109-112 **(1991)**
Paracytheromorpha	*rimafossa*	Maybury & Whatley gen. et sp. nov.	**13** (3) 17-20 **(1986)**
Pterygocythereis	*vannieuwenhuisei*	Brouwers sp. nov.	**14** (5) 17-20 **(1987)**
Radimella	*confragosa*	(Edwards, 1944)	**3** (9) 49-52 **(1976)**
Roundstonia	*magna*	Maybury & Whatley sp. nov.	**13** (20) 93-96 **(1986)**
Roundstonia	*minima*	Whatley & Maybury sp. nov.	**13** (21) 97-100 **(1986)**
Sagmatocythere	*alaefortis alaefortis*	Whatley & Maybury sp. et subsp. nov.	**14** (20) 85-88 **(1987)**
Sagmatocythere	*alaefortis gallica*	Whatley & Maybury subsp. nov.	**14** (21) 89-92 **(1987)**
Sagmatocythere	*minuta*	Maybury & Whatley sp. nov.	**14** (19) 81-84 **(1987)**
Sagmatocythere	*paracercinata*	Whatley & Maybury sp. nov.	**11** (6) 21-24 **(1984)**
Sagmatocythere	*paravariolata*	Maybury sp. nov.	**21** (17) 75-78 **(1994)**
Sagmatocythere	*pseudomultifora*	Maybury & Whatley sp. nov.	**11** (7) 25-28 **(1984)**
Sagmatocythere	*wyatti*	Maybury & Whatley sp. nov.	**14** (22) 93-96 **(1987)**
Semicytherura	*curvicauda*	Maybury sp. nov.	**20** (23) 97-100 **(1993)**
Semicytherura	*incongruens*	(G. W. Müller, 1894)	**2** (18) 105-112 **(1974)**
Semicytherura	*paraclausi*	Maybury sp. nov.	**20** (2) 5-8 **(1993)**
Semicytherura	*parasella*	Maybury sp. nov.	**21** (9) 35-38 **(1994)**
Semicytherura	*ruggierii*	(Pucci, 1955)	**2** (17) 101-104 **(1974)**
Sinocytheridea	*impressa*	(Brady, 1869)	**14** (4) 13-16 **(1987)**
Thaerocythere	*anisomorphica*	Maybury & Whatley sp. nov.	**10** (19) 107-110 **(1983)**
Thaerocythere	*irregulare*	Maybury & Whatley sp. nov.	**10** (20) 111-114 **(1983)**
Thaerocythere	*pieta*	Maybury & Whatley sp. nov.	**10** (18) 103-106 **(1983)**
Thaerocythere	*regulare*	Maybury & Whatley sp. nov.	**10** (21) 115-118 **(1983)**
Urocythereis	*favosa*	(Roemer, 1838)	**2** (6) 33-44 **(1974)**
Urocythereis	*labyrinthica*	Uliczny, 1969	**2** (8) 49-52 **(1974)**

MIOCENE

Abrotocythere	*ovata*	Zhao sp. nov.	**14** (26) 115-118 **(1987)**
Abrotocythere	*quinquicornis*	Zhao gen. et sp. nov.	**14** (25) 111-114 **(1987)**
Acanthocythereis	*dohukensis*	Khalaf sp. nov.	**9** (8) 47-50 **(1982)**
Acanthocythereis	*hystrix*	(Reuss, 1849)	**6** (24) 133-140 **(1979)**
Actinocythereis	*iraqensis*	Khalaf sp. nov.	**9** (9) 51-54 **(1982)**
Argenticytheretta (Magallanella)	*chileana*	Rose subgen. et sp. nov.	**2** (32) 203-206 **(1975)**
Argenticytheretta (Argenticytheretta)	*fuegoensis*	Rose sp. nov.	**2** (31) 199-202 **(1975)**
Bathycythere	*comitatus*	Wouters sp. nov.	**21** (10) 39-42 **(1994)**
Buntonia	*brunensis*	Riha, 1985	**15** (28) 133-136 **(1988)** & **16** (18) 77 **(1989)**
Callistocythere	*montana*	Doruk sp. nov.	**7** (24) 139-142 **(1980)**
Chrysocythere	*buncensis*	Keen sp. nov.	**21** (19) 87-90 **(1994)**
Chrysocythere	*cataphracta*	Ruggieri, 1962	**1** (4) 31-34 **(1973)**
Chrysocythere	*naqibi*	Khalaf sp. nov.	**9** (10) 55-58 **(1982)**
Chrysocythere	*paradisus*	Doruk sp. nov.	**1** (16) 89-92 **(1973)**
Cistacythereis	*equivalvis*	Doruk sp. nov.	**8** (14) 75-78 **(1981)**
Cistacythereis	*pokornyi*	(Ruggieri, 1962)	**8** (13) 71-74 **(1981)**
Cladarocythere	*pterota*	Ahmad gen. et sp. nov.	**4** (8) 45-48 **(1977)**
Costa	*himchariensis*	Ahmed sp. nov.	**13** (23) 105-108 **(1986)**
Costa	*obliquifossa*	Ahmed sp. nov.	**13** (24) 109-112 **(1986)**
Costa	*trudis*	Ahmad sp. nov.	**4** (21) 127-130 **(1977)**
Cyamocytheridea	*contracta*	Doruk sp. nov.	**5** (20) 121-124 **(1978)**
Cyamocytheridea	*meniscus*	Doruk sp. nov.	**5** (21) 125-128 **(1978)**
Cyamocytheridea	*obstipa*	Doruk sp. nov.	**5** (22) 129-132 **(1978)**
Cyamocytheridea	*polygona*	Doruk sp. nov.	**5** (23) 133-136 **(1978)**
Cyprideis	*exuberans*	van Harten sp. nov.	**7** (16) 89-100 **(1980)**
Cyprideis	*undosa*	van Harten sp. nov.	**7** (15) 81-88 **(1980)**
Cytherella (Cytherelloidea)	*chosta*	Doruk sp. nov.	**3** (14)69-72 **(1976)**
Cytherella (Cytherelloidea)	*glypta*	Doruk sp. nov.	**4** (25) 145-148 **(1977)**
Cytherella (Cytherelloidea)	*obolus*	Doruk sp. nov.	**3** (24) 141-144 **(1976)**
Cytherella (Cytherelloidea)	*ochthodes*	Doruk sp. nov.	**3** (13) 65-68 **(1976)**
Cytherella (Cytherelloidea)	*petrosa*	Doruk sp. nov.	**3** (12) 61-64 **(1976)**
Cytherella (Cytherelloidea)	*scarabaeus*	Doruk sp. nov.	**4** (26) 149-152 **(1977)**
Cytheropteron	*crassiscutum*	Ayress sp. nov.	**24** (1) 1-4 **(1998)**
Echinocythereis	*leckwijcki*	Wouters sp. nov.	**23** (7) 25-28 **(1996)**
Hamanella	*implexa*	Finger, 1983	**11** (5) 17-20 **(1984)**
Hermanites	*transversicostata*	Khalaf sp. nov.	**9** (11) 59-62 **(1982)**
Keijella	*clauda*	Doruk sp. nov.	**1** (11) 61-64 **(1973)**
Keijella	*dolabrata*	Doruk sp. nov.	**1** (12) 65-68 **(1973)**
Keijella	*hodgii*	(Brady, 1866)	**1** (9) 53-56 **(1973)**
Keijella	*procera*	Doruk sp. nov.	**1** (10) 57-60 **(1973)**
Kotoracythere	*koreana*	Huh, Whatley & Paik sp. nov.	**22** (16) 66-69 **(1995)**
Kovalevskiella	*caudata*	(Lutz, 1965)	**14** (11) 41-44 **(1987)**
Kuiperiana	*juglandica*	Ayress sp. nov.	**19** (17) 75-78 **(1992)**
Leguminocythereis	*chittagongensis*	Neale & Ahmed sp. nov.	**13** (22) 101-104 **(1986)**
Mutilus	*albicans*	Ruggieri, 1958	**1** (26) 141-144 **(1973)**
Mutilus	*freudenthali*	(Sissingh, 1972)	**1** (23) 125-128 **(1973)**
Mutilus	*keiji*	Ruggieri, 1962	**1** (21) 117-120 **(1973)**
Ommatokrithe	*prolata*	Ahmad gen. et sp. nov.	**4** (22) 131-134 **(1977)**
Orionina	*bireticulata*	Doruk sp. nov.	**2** (11) 61-64 **(1974)**
Orionina	*tegminata*	Doruk sp. nov.	**2** (10) 57-60 **(1974)**
Paijenborchella (Eopaijenborchella)	*mouliana*	(Sissingh, 1972)	**1** (31) 165-168 **(1973)**
Paracytheridea	*inscita*	Doruk sp. nov.	**7** (25) 143-146 **(1980)**
Radimella	*confragosa*	(Edwards, 1944)	**3** (9) 49-52 **(1976)**
Sylvestra	*posterobursa*	Doruk gen. et sp. nov.	**1** (29) 153-160 **(1973)**
Tanzanicythere	*pterota*	(Ahmad, 1977)	**4** (27) 153 **(1977)**
Triebelina	*raripila*	(G. W. Müller, 1894)	**2** (12) 65-68 **(1974)**
Urocythereis	*seminulum*	(Seguenza, 1880)	**2** (7) 45-48 **(1974)**
Waiparacythereis	*joanae*	Swanson, 1969	**9** (7) 41-46 **(1982)**

OLIGOCENE

Abrotocythere	*ovata*	Zhao sp. nov.	**14** (26) 115-118 **(1987)**
Abrotocythere	*quinquicornis*	Zhao gen. et sp. nov.	**14** (25) 111-114 **(1987)**
Argenticytheretta (Magallanella)	*chileana*	Rose subgen. et sp. nov.	**2** (32) 203-206 **(1975)**
Argenticytheretta (Argenticytheretta)	*gonzalezi*	Rose sp. nov.	**2** (29) 191-194 **(1975)**
Argenticytheretta (Argenticytheretta)	*patagoniensis*	Rose sp. nov.	**2** (28) 181-190 **(1975)**
Argenticytheretta (Argenticytheretta)	*punctata*	Rose sp. nov.	**6** (18) 91-98 **(1979)**
Cytheretta (Cytheretta)	*jurinei*	(v. Münster, 1830)	**13** (2) 9-16 **(1986)**
Cytheretta (Flexus)	*plicata*	(v. Münster, 1830)	**10** (13) 75-82 **(1983)**
Cytheretta (Cytheretta)	*semipunctata*	(Bornemann, 1855)	**13** (1) 1-8 **(1986)**
Cytheridea (Cytheridea)	*muelleri muelleri*	(v. Münster, 1830)	**11** (8) 29-36 **(1984)**
Cytheridea (Cytheridea)	*muelleri toenisbergensis*	Weiss, 1983	**11** (9) 37-44 **(1984)**
Cytheridea (Cytheridea)	*pernota*	Oertli & Keij, 1955	**11** (10) 45-52 **(1984)**
Cytheridea	*sandbergeri*	Kammerer sp. nov.	**16** (26) 120-127 **(1989)**
Cytheropteron	*kempfi*	Boomer nom. nov.	**23** (21) 95 **(1996)**
Cytheropteron	*nudum*	Boomer sp. nov.	**22** (24) 108-111 **(1995)** & **23** (21) 95 **(1996)**

Eucytherura	*allisonensis*	Boomer sp. nov.	**22** (25) 112-115 **(1995)**
Eucytherura	*loenensis*	Boomer sp. nov.	**23** (4) 13-16 **(1996)**
Hamanella	*implexa*	Finger, 1983	**11** (5) 17-20 **(1984)**
Hemiparacytheridea	*larwoodi*	Boomer sp. nov.	**22** (26) 116-119 **(1995)**
Hornibrookella	*anna*	(Lienenklaus, 1894)	**2** (34) 211-214 **(1975)**
Leocytheridea	*polleti*	Keen gen. et sp. nov.	**11** (16) 75-82 **(1984)**
Pariceratina	*ubiquita*	Boomer sp. nov.	**21** (18) 79-86 **(1994)**
Quadracythere	*keeni*	Slipper sp. nov.	**15** (11) 41-44 **(1988)**
Sarsicytheridea	*kempfi*	Weiss sp. nov.	**12** (21) 115-122 **(1985)**
Sarsicytheridea	*lienenklausi*	(Kuiper, 1918)	**12** (20) 107-114 **(1985)**
Schizocythere	*buendensis*	Triebel, 1950	**10** (14) 83-90 **(1983)**
Schizocythere	*inexpecta*	McKenzie, Reyment & Reyment, 1991	**23** (6) 21-24 **(1996)**
Schuleridea (Aequacytheridea)	*oculata*	Moos, 1970	**11** (18) 91-98 **(1984)**

EOCENE

Acanthocythereis	*decoris*	Siddiqui, 1971	**7** (22) 131-134 **(1980)**
Arcacythere	*rugosa*	Majoran sp. nov.	**22** (9) 33-36 **(1995)**
Argenticytheretta (Chilea)	*brunswickensis*	Rose subgen. et sp. nov.	**2** (33) 207-210 **(1975)** & **2** (48) 296 **(1975)**
Argenticytheretta (Argenticytheretta)	*patagoniensis*	Rose sp. nov.	**2** (28) 181-190 **(1975)**
Argenticytheretta (Argenticytheretta)	*riescoensis*	Rose sp. nov.	**2** (30) 195-198 **(1975)**
Bairdia	*beraguaensis*	Singh & Tewari, 1966	**11** (27) 141-144 **(1984)**
Bairdia	*jammuensis*	Singh & Tewari, 1966	**13** (9) 47-50 **(1986)**
Bairdia	*kalakotensis*	Singh & Tewari, 1966	**11** (28) 145-148 **(1984)**
Bairdoppilata	*kalakotensis*	Singh & Tewari, 1966	**11** (26) 137-140 **(1984)**
Haplocytheridea	*debilis*	(Jones, 1857)	**1** (35) 181-188 **(1973)**
Haplocytheridea	*mantelli*	Keen sp. nov.	**1** (36) 189-192 **(1973)**
Hemicytherura	*fulva*	McKenzie, Reyment & Reyment, 1993	**23** (3) 9-12 **(1996)**
Loculicytheretta (Heptaloculites)	*cavernosa*	(Apostolescu & Magne, 1956)	**1** (5) 35-40 **(1973)**
Loculicytheretta (Heptaloculites)	*semirugosa*	(Apostolescu & Magne, 1956)	**1** (6) 41-42 **(1973)**
Loculicytheretta (Heptaloculites)	sp.A		**1** (7) 43-44 **(1973)**
Paracypris	*jhingrani*	Singh & Tewari, 1966	**13** (10) 51-54 **(1986)**
Paracytheridea	*anapetes*	Ahmad sp. nov.	**4** (7) 41-44 **(1977)**
Pariceratina	*ubiquita*	Boomer sp. nov.	**21** (18) 79-86 **(1994)**
Phalcocythere	*horrescens*	(Bosquet, 1852)	**5** (19) 117-120 **(1978)**
Quadracythere	*nodosa*	Haskins, 1971	**15** (12) 45-48 **(1988)**
Scepticocythereis	*sanctivincentis*	Majoran sp. nov.	**23** (5) 17-20 **(1996)**
Togoina	*attitogonensis*	Apostolescu, 1961	**13** (27) 121-128 **(1986)**

PALAEOCENE

Nigeroloxoconcha	*oniseguni*	Reyment, 1963	**13** (25) 113-116 **(1986)**
Nigeroloxoconcha	*oyesesei*	Reyment, 1963	**13** (26) 117-120 **(1986)**
Paragrenocythere	*biclavata*	Al-Furaih gen. et sp. nov.	**2** (37) 231-238 **(1975)**
Pariceratina	*ubiquita*	Boomer sp. nov.	**21** (18) 79-86 **(1994)**
Pokornyella	*mersondaviesi*	(Latham, 1938)	**12** (22) 123-126 **(1985)**
Reticulocosta	*ornatoreticulata*	(Reyment, 1963)	**15** (10) 37-40 **(1988)**

CRETACEOUS

Acrocythere	*hauteriviana*	(Bartenstein, 1956)	**1** (53) 289-296 **(1973)**
Allaruella	*australiensis*	Krömmelbein, 1975	**22** (8) 29-32 **(1995)**
Amphiexophthalmocythere	*oertlii*	(Babinot, 1971)	**15** (15) 69-72 **(1988)**
Anchistrocheles	*eximia*	Herrig sp. nov.	**19** (23) 99-102 **(1992)**
Apateloschizocythere	*geniculata*	Bate, 1972	**1** (54) 297-304 **(1973)**
Apatocythere	*spinosa*	Neale, 1962	**5** (15) 101-104 **(1978)**
Arcacythere	*aurani*	Babinot & Colin sp. nov.	**19** (21) 91-94 **(1992)**
Archeocosta	*alkazwinii*	Al-Bashir & Keen gen. et sp. nov.	**11** (17) 83-90 **(1984)**
Artesiocythere	*artesica*	Krömmelbein, 1975	**22** (7) 25-28 **(1995)**
Beninea	*ibecetenensis*	Apostolescu gen. et sp. nov.	**14** (31) 135-138 **(1987)**
Bythoceratina	*gobanensis*	Reyment & Reyment sp. nov.	**16** (5) 21-24 **(1989)**
Cuneoceratina	*exornata*	(Herrig, 1966)	**19** (5) 17-20 **(1992)**
Cypridea	*sylvesterbradleyi*	Bate sp. nov.	**21** (23) 103-106 **(1994)**
Cypridea	*unicostata chinensis*	Neale & Su subsp. nov.	**17** (5) 19-22 **(1990)**
Cythereis	*lindiensis*	Bate, 1969	**13** (12) 59-62 **(1986)**
Cytherelloidea	*kayei*	Weaver, 1982	**22** (12) 45-52 **(1995)**
Cytheropteron	*glintzboeckeli*	(Donze & Lefèvre, 1981)	**17** (11) 61-64 **(1990)**
Donmacythere	*damottae*	(Colin, 1974)	**11** (15) 71-74 **(1984)**
Exposterocythere	*margaritata*	(Krömmelbein, 1975)	**21** (20) 91-94 **(1994)**
Exposterocythere	*queenslandensis*	(Krömmelbein, 1975)	**21** (21) 95-98 **(1994)**
Frambocythere	*tumiensis ferreri*	Colin, 1980	**18** (10) 37-40 **(1991)**
Galliaecytheridea	*elegans*	(Sharapova, 1937)	**6** (6) 31-34 **(1979)**
Ginginella	*maudriseensis*	Majoran sp. nov.	**25** (1) 1-4 **(1998)**
Iberocypris	*cornutus*	Babinot, 1985	**13** (28) 129-132 **(1986)**
Kefiella	*maresi*	Donze & Said, 1982	**13** (14) 67-70 **(1986)**
Lophocypris	*shulanensis*	Zhang & Zhao gen. et sp. nov.	**16** (2) 9-12 **(1989)**
Maghrebeis	*tuberculata*	Majoran gen. et sp. nov.	**14** (8) 29-32 **(1987)**
Majungaella	*ticka*	(Krömmelbein, 1975)	**21** (22) 99-102 **(1994)**
Navarracythere	*estellensis*	Colin & Rodriguez-Lazaro gen. et sp. nov.	**13** (13) 63-66 **(1986)**
Nigeroloxoconcha	*oniseguni*	Reyment, 1963	**13** (25) 113-116 **(1986)**

Nigeroloxoconcha	*oyesesei*	Reyment, 1963	**13** (26) 117-120 **(1986)**
Paracandona	*occitanica*	Babinot & Tambareau sp. nov.	**13** (30) 137-144 **(1986)**
Parahemingwayella	*ginginensis*	Boomer & Whittaker sp. nov.	**21** (8) 31-34 **(1994)**
Paranotacythere (Paranotacythere)	*magnifica*	Lomax sp. nov.	**12** (14) 73-76 **(1985)**
Paranotacythere	*speetonensis*	(Neale, 1962)	**7** (7) 33-36 **(1980)**
Parapokornyella	*taxyae*	(Babinot, 1970)	**13** (29) 133-136 **(1986)**
Pattersoncypris	*micropapillosa*	Bate, 1972	**1** (19) 101-108 **(1973)**
Pennyella	*pennyi*	Neale gen. et sp. nov.	**2** (21) 125-132 **(1974)**
Philomedes	*donzei*	Neale sp. nov	**3** (2) 9-12 **(1976)**
Puncia	*levis*	Herrig, 1988	**18** (15) 61-64 **(1991)**
Sarlatina	*merlensis*	Babinot & Colin, 1976	**10** (4) 17-20 **(1983)**
Schuleridea	*bilobata*	(Triebel, 1938)	**7** (5) 25-28 **(1980)**
Schuleridea	*hammi*	(Triebel, 1938)	**6** (1) 1-4 **(1979)**
Schuleridea	*juddi*	Neale, 1962	**5** (17) 109-112 **(1978)**
Schuleridea	*lamplughi*	Neale, 1962	**5** (16) 105-108 **(1978)**
Schuleridea	*praethoerenensis*	Bartenstein & Brand, 1959	**5** (18) 113-116 **(1978)**
Schuleridea	*rhomboidalis*	Neale, 1960	**7** (6) 29-32 **(1980)**
Sebastianites	*fidus*	Krömmelbein, 1962	**17** (21) 101-104 **(1990)**
Spinoleberis	*eximia*	(Bosquet, 1854)	**14** (10) 37-40 **(1987)**
Strumosia	*inandita*	(Su, 1959)	**17** (22) 105-112 **(1990)**
Sunliavia	*tumida*	Sou, 1959	**17** (6) 23-30 **(1990)**
Tethysobuntonia	*govoroffi*	Colin & Babinot gen. et sp. nov.	**18** (29) 117-120 **(1991)**
Theriosynoecum	*fittoni*	(Mantell, 1844)	**1** (40) 213-220 **(1973)**
Valdonniella	*mackenziei*	Babinot, 1980	**18** (11) 41-44 **(1991)**
Veenia (Nigeria)	*nigeriensis*	Reyment, 1960	**13** (8) 39-46 **(1986)**

JURASSIC

Angliaecytheridea	*calvata*	Sheppard gen. et sp. nov.	**8** (28) 157-162 **(1981)**
Bairdia	*aselfingenensis*	Lord & Moorley sp. nov	**2** (2) 5-8 **(1974)**
Bairdia	*hahni*	Lord & Moorley sp. nov.	**2** (1) 1-4 **(1974)**
Cytherelloidea	*longicostata*	Sheppard sp. nov.	**8** (25) 145-148 **(1981)**
Cytheropteron	*byfieldense*	Boomer & Bodergat sp. nov.	**19** (1) 1-4 **(1992)**
Darwinula	*incurva*	Bate, 1967	**17** (8) 41-44 **(1990)**
Ektyphocythere	*anterocosta*	Boomer sp. nov.	**15** (21) 93-96 **(1988)**
Ektyphocythere	*bizoni*	Ainsworth, 1986	**18** (9) 33-36 **(1991)**
Ektyphocythere	*lanceolata*	Boomer sp. nov.	**15** (20) 89-92 **(1988)**
Ektyphocythere	*quadrata*	Boomer & Lord sp. nov.	**15** (19) 85-88 **(1988)**
Eocytheridea	*kirtlingtonensis*	Bate & Mellish sp. nov.	**13** (11) 55-58 **(1986)**
Galliaecytheridea	*gorodischensis*	Fuller & Lord sp. nov.	**6** (7) 35-42 **(1979)**
Galliaecytheridea	*miranda*	(Lyubimova, 1955)	**6** (8) 43-46 **(1979)**
Galliaecytheridea	*volgaensis*	(Lyubimova, 1955)	**6** (9) 47-50 **(1979)**
Gammacythere	*klingleri*	Boomer sp. nov.	**17** (15) 77-80 **(1990)**
Gammacythere	*ubiquita*	Malz & Lord, 1976	**4** (9) 49-52 **(1977)**
Glyptocythere	*costata*	Bate, 1965	**3** (16) 77-80 **(1976)**
Glyptocythere	*oscillum*	(Jones & Sherborn, 1888)	**4** (15) 91-94 **(1977)**
Glyptocythere	*penni*	Bate & Mayes sp. nov.	**4** (6) 33-40 **(1977)**
Glyptocythere	*polita*	Bate, 1965	**3** (15) 73-76 **(1976)**
Glyptocythere	*raasayensis*	Stevens sp. nov.	**12** (6) 23-30 **(1985)**
Glyptocythere	*scitula*	Bate, 1965	**4** (16) 95-98 **(1977)**
Juraleberis	*jubata*	Vannier & Siveter gen. et sp. nov.	**22** (21) 86-95 **(1995)**
Kinkelinella	*malzi*	(Dépêche, 1973)	**8** (8) 41-44 **(1981)**
Lesleya	*bathonica*	Bate gen. et sp. nov.	**5** (12) 81-88 **(1978)**
Limnocythere	*eiggensis*	Wakefield nom. nov.	**22** (27) 120-123 **(1995)**
Limnocythere	*hibernica*	Athersuch sp. nov.	**16** (30) 148-151 **(1989)**
Lophocythere (Neurocythere)	*bradiana*	(Jones, 1884)	**2** (26) 165-172 **(1975)**
Lophocythere (Neurocythere)	*minuta*	(Peterson, 1954)	**2** (42) 267-270 **(1975)**
Lophocythere (Lophocythere)	*ostreata*	(Jones & Sherborn, 1888)	**2** (25) 157-164 **(1975)**
Mandelstamia	*ventrocornuta*	(Sharapova, 1939)	**6** (10) 51-54 **(1979)**
Marslatourella	*bullata*	Bate, 1967	**1** (51) 281-284 **(1973)**
Marslatourella	*dorsispinata*	Bate & Stephens sp. nov.	**1** (52) 285-288 **(1973)**
Micropneumatocythere	*brendae*	Sheppard sp. nov.	**5** (13) 89-96 **(1978)**
Micropneumatocythere	*crassa*	(Peterson, 1954)	**2** (41) 263-266 **(1975)**
Micropneumatocythere	*falcata*	Sheppard sp. nov.	**5** (14) 97-100 **(1978)**
Micropneumatocythere	*tumida*	Stephens & Ware sp. nov.	**7** (19) 113-116 **(1980)**
Monoceratina	*scrobiculata*	Triebel & Bartenstein, 1938	**6** (21) 113-116 **(1979)**
Ogmoconcha	*ambo*	Lord & Moorley sp. nov.	**2** (3) 9-16 **(1974)**
Ogmoconcha	*contractula*	Triebel, 1941	**23** (13) 53-60 **(1996)**
Ogmoconcha	*eocontractula*	Park sp. nov.	**11** (14) 67-70 **(1984)**
Oligocythereis	*kostytschevkaensis*	(Lyubimova, 1955)	**6** (11) 55-62 **(1979)**
Procytheridea	*exempla*	Peterson, 1954	**2** (39) 247-254 **(1975)**
Procytheridea	*fraudator*	Sherrington & Lord sp. nov.	**2** (40) 255-262 **(1975)**
Procytheropteron	*prolongatum*	(Sharapova, 1939)	**7** (20) 117-124 **(1980)**
Progonocythere	*levigata*	Bate, 1967	**16** (4) 17-20 **(1989)**
Progonocythere	*reticulata*	Bate, 1963	**4** (14) 87-90 **(1977)**
Progonocythere	*stilla*	Sylvester-Bradley, 1948	**2** (27) 173-180 **(1975)**
Ptychobairdia	*limbata*	Sheppard sp. nov.	**8** (26) 149-152 **(1981)**
Stravia	*crossata*	Neale, 1962	**4** (23) 135-138 **(1977)**
Terquemula	*robusta*	Sheppard sp. nov.	**8** (27) 153-156 **(1981)**

Theriosynoecum	*bathonicum*	Sylvester-Bradley sp. nov.	**1** (42) 229-236 **(1973)**
Theriosynoecum	*conopium*	Wakefield & Athersuch sp. nov.	**17** (7) 31-40 **(1990)**
Theriosynoecum	*fimbriachela*	Wakefield, 1994	**21** (24) 107-110 **(1994)**
Theriosynoecum	*kirtlingtonense*	Bate, 1965	**1** (41) 221-228 **(1973)**
Theriosynoecum	*wyomingense*	(Branson, 1935)	**1** (39) 205-212 **(1973)**
Timiriasevia	*mackerrowi*	Bate, 1965	**2** (20) 117-124 **(1974)**
Timiriasevia	*punctata*	Clements sp. nov.	**1** (13) 69-76 **(1973)**
Timiriasevia	*triangularis*	Timberlake sp. nov.	**15** (14) 57-68 **(1988)**
Timiriasevia	*uptoni*	Timberlake sp. nov.	**15** (13) 49-56 **(1988)**
Trachycythere	*munita*	Sylvester-Bradley sp. nov.	**1** (47) 257-264 **(1973)**

TRIASSIC

Ektyphocythere	*cookiana*	(Anderson, 1964)	**18** (28) 113-116 **(1991)**
Ogmoconchella	*martini*	(Anderson, 1964)	**18** (30) 121-124 **(1991)**
Triadocypris	*spitzbergensis*	Weitschat, 1983	**10** (23) 127-138 **(1983)**

PERMIAN

Aurikirkbya	*wordensis*	(Hamilton, 1942)	**16** (24) 112-115 **(1989)**
Kindlella	*melnyki*	Dewey & Kohn sp. nov.	**19** (22) 95-98 **(1992)**
Knoxina	*lecta*	Coryell & Rogatz, 1932	**21** (13) 51-58 **(1994)**
Neoamphissites	*costatus*	Becker & Wang, 1992	**20** (19) 81-84 **(1993)**
Richterina	*permiana*	Kohn & Dewey sp. nov.	**19** (16) 71-74 **(1992)**
Sinabairdia	*nodosa*	Becker & Wang, 1992	**20** (20) 85-88 **(1993)**
Sulcella	*huecoensis*	Dewey & Kohn sp. nov.	**20** (4) 13-16 **(1993)**

CARBONIFEROUS

Bairdia	*curta*	M'Coy, 1844	**17** (24) 117-120 **(1990)**
Carbonita	*corrugata*	Gregory sp. nov.	**2** (4) 17-20 **(1974)**
Editella	*dawubaensis*	Olempska gen. et sp. nov.	**25** (9) 39-42 **(1998)**
Geisina	*gregaria*	(Ulrich & Bassler, 1906)	**19** (15) 67-70 **(1992)**
Gerodia	*ratina*	Gründel, 1962	**19** (18) 79-82 **(1992)**
Glyptolichvinella	*spiralis*	(Jones & Kirkby, 1884)	**14** (32) 139-142 **(1987)**
Glyptopleura	*henbesti*	Croneis & Gutke, 1939	**17** (2) 5-8 **(1990)**
Glyptopleuroides	*insculptus*	Croneis & Gale, 1939	**19** (7) 25-28 **(1992)**
Healdianella?	*aremorica*	Crasquin sp. nov.	**14** (7) 25-28 **(1987)**
Kellettina	*carnica*	Ruggieri & Siveter sp. nov.	**2** (35) 215-222 **(1975)**
Knoxina	*lecta*	Coryell & Rogatz, 1932	**21** (13) 51-58 **(1994)**
Mammoides	*dorsospinosus*	Sohn, 1961	**18** (18) 73-76 **(1991)**
Microcheilinella	*distorta*	(Geis, 1932)	**16** (8) 35-38 **(1989)**
Muhuaella	*spinosa*	Olempska gen. et sp. nov.	**25** (8) 35-38 **(1998)**
Neoeuglyphella	*mandelbaumae*	Dewey & Puckett gen. et sp. nov.	**17** (20) 97-100 **(1990)**
Villozona	*villosa*	(Gründel, 1961)	**18** (21) 85-88 **(1991)**
Welchella	*foveata*	Dewey & Puckett gen. et sp. nov.	**17** (1) 1-4 **(1990)**
Youngiella	*rectidorsalis*	(Jones & Kirkby, 1886)	**18** (8) 29-32 **(1991)**

DEVONIAN

Beckerhealdia	*circumreptata*	Blumenstengel, 1994	**25** (5) 23-26 **(1998)**
Bufanchiste	*sotoi*	Becker, 1989	**18** (7) 25-28 **(1991)**
Cleithranchiste	*paulusi*	Becker, 1965	**18** (6) 21-24 **(1991)**
Glezeria	*belgica*	(Matern, 1929)	**19** (8) 29-32 **(1992)**
Glyptolichvinella	*ovicella*	Lundin & Visintainer sp. nov.	**14** (33) 143-148 **(1987)**
Huntonella	*bransoni*	Lundin, 1968	**18** (22) 89-92 **(1991)**
Kirkbyrhiza	*retifera*	(Roth, 1929)	**24** (6) 33-40 **(1998)**
Kullmannissites	*kullmanni*	Becker, 1981	**16** (10) 43-46 **(1989)**
Kuzminaella	*venusta*	Tschigova, 1977	**21** (12) 47-50 **(1994)**
Nodella	*hamata*	Becker, 1968	**16** (25) 116-119 **(1989)**
Processobairdia	*nodocerata*	Blumenstengel, 1965	**19** (20) 87-90 **(1992)**
Rabienoscapha	*tergocornuta*	Becker, 1989	**19** (19) 83-86 **(1992)**
Refrathella	*struvei*	Becker, 1967	**17** (23) 113-116 **(1990)**
Renibeyrichia	*mulciber*	Siveter gen. et sp. nov.	**3** (1) 1-8 **(1976)**
Rishona	*epicypha*	(Kesling & Kilgore, 1955)	**16** (12) 51-54 **(1989)**
Scrobisylthis	*reticulatus*	(Sarv, 1959)	**24** (5) 25-32 **(1998)**
Sinessites	*hispanicus*	Becker, 1981	**16** (9) 39-42 **(1989)**
Tricornina (Bohemina)	*paragracilis*	(Blumenstengel, 1965)	**15** (8) 29-32 **(1988)**
Vitissites	*comtei*	Becker, 1981	**16** (11) 47-50 **(1989)**

SILURIAN

Asiacicatricula	*varia*	(Michailova, 1971)	**20** (15) 63-66 **(1993)**
Berolinella	*steusloffi*	(Krause, 1891)	**16** (23) 106-111 **(1989)**
Beyrichia (Altibeyrichia)	*kiaeri*	Henningsmoen, 1954	**13** (6) 29-32 **(1986)**
Beyrichia (Sagenabeyrichia)	*siveteri*	Pollicot subgen. et sp. nov.	**14** (14) 57-64 **(1987)**
Bulbosohnia	*bolboformis*	Becker & Wang, 1992	**20** (22) 93-96 **(1993)**
Calocaria	*maurae*	Vannier gen. et sp. nov.	**14** (12) 45-48 **(1987)**
Columatia	*variolata*	(Jones & Holl, 1865)	**16** (7) 29-34 **(1989)**
Craspedobolbina (Mitrobeyrichia)	*impendens*	(Haswell, 1865)	**1** (34) 177-180 **(1973)**
Cytherellina	*ruperti*	Petersen & Lundin sp. nov.	**23** (12) 49-52 **(1996)**
Daleiella	*corbuloides*	(Jones & Holl, 1869)	**18** (20) 81-84 **(1991)** & **18** (20) 81-84 **(1992)**

Dizygopleura	*landesi*	Roth, 1929	**22** (2) 5-8 **(1995)**
Frostiella	*groenvalliana*	Martinsson, 1963	**18** (31) 125-134 **(1991)**
Hemsiella	*maccoyiana*	(Jones, 1855)	**17** (10) 53-60 **(1990)**
Kiltsiella	*rosensteinae*	(Sarv, 1962)	**20** (3) 9-12 **(1993)**
Kirkbyrhiza	*primaeva*	(Roth, 1929)	**22** (22) 96-103 **(1995)**
Limbinariella	*marcoreticulata*	Sarv, 1968	**18** (2) 5-8 **(1991)**
Londinia	*kiesowi*	(Krause, 1891)	**17** (9) 45-52 **(1990)**
Longiscella	*grandis*	(Jones & Holl, 1869)	**22** (3) 9-12 **(1995)**
Macrypsilon	*salterianum*	(Jones, 1855)	**16** (22) 100-105 **(1989)**
Malguzaria	*sarvi*	Michailova, 1972	**20** (16) 67-70 **(1993)**
Microcheilinella	*gigas*	Birkmann & Lundin sp. nov.	**22** (4) 13-16 **(1995)**
Orcofabella	*testata*	(Gailite, 1966)	**18** (1) 1-4 **(1991)**
Parulrichia	*bispinosa*	Lundin & Siveter sp. nov.	**20** (14) 59-62 **(1993)**
Parulrichia	*diversa*	(Jones & Holl, 1886)	**20** (13) 55-58 **(1993)**
Ploteristes	*sylvesterbradleyi*	Siveter gen. et sp. nov.	**21** (26) 115-118 **(1994)**
Poloniella	*adamczaki*	Lundin sp. nov.	**21** (25) 111-114 **(1994)** & **22** (14) 61 **(1995)**
Poloniella	*schallreuteri*	Lundin nom. nov.	**22** (14) 61 **(1995)**
Primitivothlipsurella	*obtusa*	Petersen & Lundin sp. nov.	**16** (20) 86-93 **(1989)**
Primitivothlipsurella	*v-scripta*	(Jones & Holl, 1869)	**16** (19) 78-85 **(1989)**
Qujingsia	*nonaculeata*	Hansch & Wang, gen et sp. nov.	**18** (19) 77-80 **(1991)**
Rectella	*siveteri*	Petersen & Lundin sp. nov.	**19** (26) 111-114 **(1992)**
Scaldianella	*simplex*	(Krause, 1891)	**19** (6) 21-24 **(1992)**
Sleia	*troglodytophila*	Martinsson, 1962	**1** (27) 145-148 **(1973)**
Slependia	*armata*	(Henningsmoen, 1954)	**12** (17) 85-92 **(1985)**
Strepula	*concentrica*	Jones & Holl, 1886	**1** (8) 45-52 **(1973)**
Tuberoscapha	*obesa*	Becker & Wang, 1992	**20** (21) 89-92 **(1993)**
Vania	*perdita*	Kruta & Siveter gen. et sp. nov.	**25** (11) 53-56 **(1998)**
Venzavella	*costata*	(Neckaja, 1960)	**18** (3) 9-12 **(1991)**
Wenlockiella	*phaseola*	(Jones, 1887)	**23** (10) 41-44 **(1996)**
Wenlockiella	*phillipsiana*	(Jones & Holl, 1869)	**20** (12) 49-54 **(1993)**
Xystista	*auricularis*	(Jones, 1887)	**12** (15) 77-80 **(1985)**
Xystista	*graffhami*	(Lundin, 1965)	**12** (16) 81-84 **(1985)**

ORDOVICIAN

Aboilia	*blessi*	Becker & Adamczak gen. et sp. nov.	**20** (8) 33-36 **(1993)**
Airina	*amabilis*	(Neckaja, 1958)	**9** (20) 109-116 **(1982)**
Anisocyamus	*bassleri*	(Harris, 1931)	**15** (25) 115-122 **(1988)**
Anisocyamus	*elegans*	(Harris, 1957)	**15** (24) 107-114 **(1988)**
Ansipe	*anseripediculus*	Schallreuter gen. et sp. nov.	**22** (19) 78-81 **(1995)**
Antiaechmina	*pseudovelata*	Schallreuter sp. nov.	**4** (5) 29-32 **(1977)**
Balticella	*deckeri*	(Harris, 1931)	**16** (21) 94-99 **(1989)**
Baltocyamus	*primarius*	Meidla gen. et sp. nov.	**22** (1) 1-4 **(1995)**
Baltonotella	*elegans*	(Harris, 1957)	**20** (9) 37-40 **(1993)**
Baltonotella	*kuckersiana*	(Bonnema, 1909)	**23** (15) 69-72 **(1996)**
Bilobatia	*serralobata*	Schallreuter, 1976	**9** (2) 9-16 **(1982)**
Bolbihithis	*abdominalis*	Schallreuter, 1981	**13** (31) 145-148 **(1986)**
Bolbinella	*cumulata*	Kanygin, 1967	**17** (16) 81-84 **(1990)**
Bollia	*delgadoi*	Vannier sp. nov.	**10** (16) 95-98 **(1983)**
Braderupia	*asymmetrica*	(Neckaja, 1958)	**9** (1) 1-8 **(1982)**
Brephocharieis	*complicata*	(Salter, 1848)	**12** (10) 49-56 **(1985)**
Brevibolbina	*dornbuschi*	Schallreuter, 1964	**6** (14) 71-74 **(1979)**
Bromidella	*papillata*	(Harris, 1957)	**17** (14) 73-76 **(1990)**
Bromidella	*reticulata*	Harris, 1931	**16** (1) 1-8 **(1989)**
Bromidella	*sarvi*	Schallreuter, 1964	**10** (6) 25-28 **(1983)**
Bulbosclerites	*unicornis*	(Neckaja, 1952)	**7** (13) 73-76 **(1980)**
Bumire	*pilloides*	Schallreuter sp. nov.	**25** (7) 31-34 **(1998)**
Byrsolopsina	*manca*	Schallreuter sp. nov.	**9** (3) 17-20 **(1982)**
Caprabolbina	*capra*	Schallreuter, 1972	**6** (12) 63-66 **(1979)**
Cavhithis	*cavi*	Schallreuter, 1965	**22** (17) 70-73 **(1995)**
Chegetella	*chegitunica*	Kanygin, 1977	**17** (17) 85-88 **(1990)**
Concavhithis	*latosulcatus*	Schallreuter sp. nov.	**9** (18) 101-104 **(1982)**
Cryptophyllus	*gutta*	Schallreuter, 1968	**4** (1) 1-8 **(1977)**
Cryptophyllus	*nuculopsis*	Harris, 1957	**20** (18) 77-80 **(1993)**
Cytherellina	*elegans*	(Jones, 1887)	**23** (11) 45-48 **(1996)**
Distobolbina	*bispinata*	Schallreuter sp. nov.	**4** (3) 17-24 **(1977)**
Distobolbina	*grekoffi*	Schallreuter sp. nov.	**4** (4) 25-28 **(1977)**
Disulcina	*syltensis*	Schallreuter sp. nov.	**7** (4) 21-24 **(1980)**
Duplicristatia	*asymmetrica*	Schallreuter gen. et sp. nov.	**5** (7) 49-56 **(1978)**
Duringia	*spinosa*	(Knüpfer, 1968)	**11** (3) 9-12 **(1984)**
Duringia	*triformosa*	Jones sp. nov.	**11** (4) 13-16 **(1984)**
Egorovellina	*operosa*	Kanygin, 1965	**25** (6) 27-30 **(1998)**
Eodominina	*ema*	Schallreuter sp. nov.	**24** (3) 13-16 **(1998)**
Eodominina	*nuela*	Schallreuter gen. et sp. nov.	**20** (29) 121-124 **(1993)**
Eographiodactylus	*sulcatus*	Schallreuter, 1975	**7** (1) 1-8 **(1980)**
Eohollina	*depressa*	(Kay, 1940)	**19** (28) 119-122 **(1992)**
Eolomatella	*bicuspidata*	Schallreuter sp. nov.	**8** (22) 129-136 **(1981)**
Eopilla	*ingelorae*	Schallreuter gen. et sp. nov.	**20** (28) 117-120 **(1993)**
Eridoconcha	*simpsoni*	Harris, 1931	**17** (4) 13-18 **(1990)**

Listing by stratigraphical occurrence

Eurybolbina	*bispinata*	(Harris, 1957)	**19** (27) 115-118 **(1992)**
Fallaticella	*schaeferi*	Schallreuter, 1984	**16** (6) 25-28 **(1989)**
Femerensia	*gealbertii*	Schallreuter gen. et sp. nov.	**10** (15) 91-94 **(1983)**
Fidelitella (Sibiritella)	*rara*	(Ivanova, 1955)	**19** (10) 37-40 **(1992)**
Foramenella	*parkis*	(Neckaja, 1952)	**7** (3) 17-20 **(1980)**
Fuscinullina (Fuscinullina)	*pectinata*	Kanygin, 1967	**25** (2) 5-8 **(1998)**
Garciana	*jaanussoni*	(de García & Proserpio, 1978)	**21** (28) 123-126 **(1994)**
Gellensia	*nodoreticulata*	Schallreuter sp. nov.	**9** (19) 105-108 **(1982)**
Gotula	*gotlandica*	(Schallreuter, 1967)	**12** (26) 149-156 **(1985)**
Harpabollia	*argentina*	Schallreuter sp. nov.	**22** (20) 82-85 **(1995)**
Harperopsis	*scripta*	(Harper, 1947)	**10** (2) 5-12 **(1983)**
Hastatellina	*normandiensis*	Pribyl, 1975	**10** (17) 99-102 **(1983)**
Henningsmoenia	*costa*	Orr sp. nov.	**12** (12) 61-68 **(1985)**
Henningsmoenia	*gunnari*	(Thorslund, 1948)	**12** (11) 57-60 **(1985)**
Hippula (Cetona)	*turris*	(Schallreuter, 1967)	**11** (1) 1-4 **(1984)**
Hithis	*colonus*	Schallreuter & Siveter sp. nov.	**9** (15) 85-88 **(1982)**
Homeokiesowia	*epicopa*	Siveter sp. nov.	**9** (16) 89-92 **(1982)**
Homeokiesowia	*frigida*	(Sarv, 1959)	**6** (15) 75-78 **(1979)**
Inversibolbina	*lehnerti*	Schallreuter gen. et sp. nov.	**22** (6) 21-24 **(1995)**
Jaanussonia	*unicerata*	Schallreuter, 1971	**15** (29) 137-142 **(1988)**
Kanyginia	*hartmanni*	Schallreuter & Kanygin sp. nov.	**19** (9) 33-36 **(1992)**
Karinutatia	*crux*	Schallreuter gen. et sp. nov.	**5** (6) 45-48 **(1978)**
Karinutatia	*ren*	Schallreuter, 1984	**23** (16) 73-76 **(1996)**
Kayina	*hybosa*	Harris, 1957	**20** (10) 41-44 **(1993)**
Kiesowia (Kiesowia)	*dissecta*	(Krause, 1892)	**6** (16) 79-86 **(1979)**
Klimphores	*planus*	Schallreuter, 1966	**7** (2) 9-16 **(1980)**
Kroemmelbeinia	*valensis*	Schallreuter sp. nov.	**12** (5) 19-22 **(1985)**
Lodesia	*adiastola*	Schallreuter & Lehnert gen. et sp. nov.	**20** (27) 113-116 **(1993)**
Lomatobolbina	*vonhachtorum*	Schallreuter sp. nov.	**8** (10) 51-54 **(1981)**
Lomatopisthia	*auricula*	(Harris, 1957)	**18** (5) 17-20 **(1991)**
Lomatopisthia	*simplex*	(Harris, 1957)	**18** (4) 13-16 **(1991)**
Miehlkella	*cribroporata*	Schallreuter gen. et sp. nov.	**4** (2) 9-16 **(1977)**
Moeckowia	*rava*	(Sarv, 1959)	**21** (2) 5-8 **(1994)**
Naevhithis	*naevus*	Schallreuter gen. et sp. nov.	**8** (23) 137-140 **(1981)**
Ordovizona	*immanis*	Becker, 1994	**22** (5) 17-20 **(1995)**
Pachydomelloides	*braderupensis*	Schallreuter sp. nov.	**7** (14) 77-80 **(1980)**
Pilla	*latolobata*	Jones & Schallreuter sp. nov.	**17** (19) 93-96 **(1990)**
Pilla	*piformis*	Schallreuter & Siveter gen. et sp. nov.	**15** (7) 25-28 **(1988)**
Piretia	*commasulcata*	Schallreuter sp. nov.	**12** (4) 15-18 **(1985)**
Piretopsis (Cerninella)	*bohemica*	(Barrande, 1872)	**11** (25) 127-136 **(1984)**
Platybolbina	*runica*	Schallreuter & Kruta sp. nov.	**11** (24) 123-126 **(1984)**
Platybolbina (Reticulobolbina)	*spongiosoreticulata*	Schallreuter, 1972	**6** (13) 67-70 **(1979)**
Primitiella	*minima*	(Harris, 1957)	**21** (27) 119-122 **(1994)**
Pseudulrichia	*albraca*	Schallreuter & Lehnert sp. nov.	**20** (26) 109-112 **(1993)**
Punctoschmidtella	*pauciperforata*	(Harris, 1957)	**20** (11) 45-48 **(1993)**
Pyxion	*posterobicarinatum*	Schallreuter sp. nov.	**6** (17) 87-90 **(1979)**
Quadritia (Krutatia)	*iunior*	Schallreuter subgen. et sp. nov.	**8** (21) 125-128 **(1981)**
Raimbautina	*hammanni*	Vannier gen. et sp. nov.	**11** (22) 111-118 **(1984)**
Reginea	*reginae*	Schallreuter gen. et sp. nov.	**10** (5) 21-24 **(1983)**
Retinoda	*sulcata*	(Knüpfer, 1968)	**13** (4) 21-24 **(1986)**
Scanipisthia	*rectangularis*	(Troedsson, 1918)	**17** (18) 89-92 **(1990)**
Schallreuteria (Lippea)	*lippensis*	Schallreuter subgen. et sp. nov.	**11** (2) 5-8 **(1984)**
Schallreuteria	*superciliata*	(Reed, 1910)	**9** (17) 93-100 **(1982)**
Severobolbina	*elliptica*	(Steusloff, 1895)	**24** (4) 17-24 **(1998)**
Soanella	*ovalis*	(Ivanova, 1955)	**23** (17) 77-80 **(1996)**
Spinodiphores	*praepletus*	Schallreuter gen. et sp. nov.	**22** (18) 74-77 **(1995)**
Spinohippula	*esurialis*	Vannier, Kruta & Marek gen. et sp. nov.	**14** (13) 49-56 **(1987)**
Tallinnellina	*dissita*	Schallreuter & Siveter sp. nov.	**10** (1) 1-4 **(1983)**
Tetradella	*egorowi*	Neckaja, 1952	**5** (8) 57-60 **(1978)**
Tetradella	*pentaloculata*	Schallreuter sp. nov.	**5** (10) 65-72 **(1978)**
Tetradella	*separata*	Sidaraviciene, 1971	**5** (9) 61-64 **(1978)**
Tetradella?	*triloculata*	Schallreuter sp. nov.	**5** (11) 73-80 **(1978)**
Thibautina	*rorei*	Vannier gen. et sp. nov.	**11** (23) 119-122 **(1984)**
Trispinatia	*rusconii*	(de García & Proserpio, 1978)	**21** (1) 1-4 **(1994)**
Uscopria	*memoria*	Schallreuter gen. et sp. nov.	**8** (24) 141-144 **(1981)**
Valentella	*costata*	(Ivanova, 1960)	**23** (18) 81-84 **(1996)**
Vittella	*fecunda*	Siveter sp. nov.	**10** (3) 13-16 **(1983)**
Webbylla	*cyma*	Schallreuter & Siveter gen. et sp. nov.	**15** (5) 17-20 **(1988)**
Webbylla	*reticulata*	Schallreuter & Siveter sp. nov.	**15** (6) 21-24 **(1988)**
Wehrlia	*olbertzae*	Schallreuter, 1965	**13** (5) 25-28 **(1986)**
Winchellatia	*longispina*	Kay, 1940	**17** (3) 9-12 **(1990)**

CAMBRIAN

Anabarochilina	*primordialis*	(Linnarsson, 1869)	**20** (17) 71-76 **(1993)**
Cambria	*melnikovae*	Ivanova, 1964	**21** (4) 13-16 **(1994)**
Cambria	*sibirica*	Neckaja & Ivanova, 1956	**21** (3) 9-12 **(1994)**
Capricambria	*cornucopiae*	Hinz gen. et sp. nov.	**18** (16) 65-68 **(1991)**
Dabashanella	*retroswinga*	Huo, Shu & Fu, 1983	**16** (3) 13-16 **(1989)**
Falites	*fala*	Müller, 1964	**23** (20) 89-94 **(1996)**
Monasterium	*oepiki*	Fleming, 1973	**19** (29) 123-130 **(1992)**
Pejonesia	*sestina*	(Fleming, 1973)	**19** (2) 5-8 **(1992)**
Semillia	*pauper*	Hinz gen. et sp. nov.	**19** (4) 13-16 **(1992)**
Trapezilites	*minimus*	(Kummerow, 1931)	**23** (19) 85-88 **(1996)**
Tubupestis	*tuber*	Hinz & Jones gen. et sp. nov.	**19** (3) 9-12 **(1992)**
Ulopsis	*ulula*	Hinz gen. et sp. nov.	**18** (17) 69-72 **(1991)**
Vestrogothia	*longispinosa*	Kozur, 1974	**21** (6) 21-26 **(1994)**
Wimanicharion	*matthewi*	(Wiman, 1903)	**21** (5) 17-24 **(1994)**